



Expert on Demand Catalog

Our Expert on Demand service lets you quickly tap Vaadin technical experts and designers for shorter projects, ranging from a couple of hours to a couple weeks. Let us help you with design reviews, component development, framework enhancements, migrations, integration, performance tuning, training, and more. Review this catalog of Expert on Demand services or contact us to craft an Expert on Demand project for your specific needs.

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| Category | Service | Estimated EOD hours | Description | What You'll Get |
|-----------|----------------------|---------------------|---|---|
| Design/UX | UX review | 20 | Vaadin UX experts will analyze your application to identify usability issues that can impact user efficiency and satisfaction. | A prioritized list of usability issues and suggested solutions. |
| Design/UX | UX kickstart | 80 | Collaborate with Vaadin UX experts to visualize a new idea or reimagine an existing application. | A click-through prototype that depicts the visual appearance and behavior of the application to be built. |
| Design/UX | Accessibility review | 80 | Accessibility experts will assess your application to ensure it meets accessibility standards and complies with the current accessibility laws and regulations. | An accessibility report identifying areas for improvement. |
| Design/UX | Refresh app visuals | 32 | Level up your existing application or create a unique visual concept to match your newly launched company brand. | Improved visual design concept for your application and estimates for the required CSS implementation. |
| Design/UX | Workflow redesign | 24-80 | If you have identified constant usability problems in your application's user workflows, this service gives you ideas for improving it. | Actionable ideas for improvement. |

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| Design/UX | Technical review for DS | 4-8 | Componentize repeating UI structures in your application and apply them across your application portfolio for a consistent user experience. | A list of componentizable UI structures. |
| Design/UX | Best practices session regarding theming | 16 | Theming and CSS best practices can sometimes be tricky for a developer. Collaborate with Vaadin UX experts to analyze the usage of styles in your application and document suggested improvements and good theming practices. | A document on suggested improvements and good theming practices. |
| Design/UX | Small-scale theming help | 4+ | Identify a list of problems in your application and have them fixed hands-on with a Vaadin expert to ensure your application looks precisely how you want. | A number of resolved issues to help make your application's theme look and feel consistent to your end users. |
| Design/UX | Design system foundation | 40 | Get started with your Design System Publisher project with our help. This service also includes a basic styling of all Vaadin components based on your branding. | A JAR file including a basic styling of all Vaadin components based on your branding. |

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| Design/UX | Configurable multi-tenant theme setup | 16 | Set up a configurable multi-tenant theme, including suitable variables (custom colors, logos, etc.) that multiple end customers may use and access the same stylesheets. For simple cases, a few CSS properties control all changes. | A white-label theme, including suitable variables (custom colors, logos, etc.) and stylesheets multiple end users can access. |
| Migration assistance | Vaadin upgrade assessment | 80 | Identify your options for efficiently migrating your existing Vaadin 7 or 8 application to your selected Vaadin version. In particular, the service identifies ways to reduce migration efforts and spread the work over time to allow for a gradual and controlled transformation. | A report containing detailed technical instructions for developers and effort estimates to help with resource and budget planning. |
| Migration assistance | Swing migration assessment | 120 | Identify your options for efficiently migrating your existing Swing application to your selected Vaadin version. In particular, the service identifies ways to reduce migration efforts and to spread the work over time to allow for a gradual and controlled transformation. | A report containing detailed technical instructions for developers and effort estimates to help with resource and budget planning. |

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| Migration assistance | Vaadin minor impact analysis | 2-8 | A Vaadin expert will analyze your project and write a short report on the implications of upgrading your application to the latest minor version of the Vaadin major series currently in use. | A short report on the implications of upgrading your application. |
| Migration assistance | V8 upgrade automation | 60+30 per each 100KLOC exceeding the initial 100KLOC | Collaborate with a Vaadin expert to automate a part of the V8 to V23 upgrade using our proprietary tools. The service is timeboxed to a week, and after the initial conversion, you may use leftover hours for manual conversion. | A V8 to V23 automated upgrade timeboxed to a week. |
| Migration assistance | Vaadin minor version upgrade, including analysis | 4 - 16 | Upgrade your application to the latest minor version of the current Vaadin major series. | Assistance upgrading your application to the latest minor version. |
| Migration assistance | Add-on forward porting | 4-24 | Make your add-ons compatible with the latest Vaadin version to ensure your application functions well. | A forward-ported add-on for your application |
| Advisory | Architecture review | 4-24 | Improve your application's architecture with our help for better scalability, security, and productivity. | A list of actionable pointers on how to improve your application's architecture. |

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| Advisory | Vaadin best practice review | 4-16 | A expert will analyze how Vaadin is used in your project and provide best practices on how to improve your application. | A list of actionable pointers on how to improve. |
| Advisory | Hands-on help for creating a bug ticket | 1-4 | Get hands-on help for filing a bug ticket. Making an example application that reproduces a bug may be challenging. We can build that example application and file a bug ticket on your behalf. | An example application that reproduces the bug you're experiencing and a filed bug ticket. |
| Advisory | 1h Q&A session | 2 | Book an online session with a Vaadin expert who will answer your questions. For an optimal outcome, please send us your questions in advance. | Answers to your questions. |
| Advisory | SA/PO insights | 1 | Consult our product owners to find out what's in the pipeline for a specific Vaadin product. | A live meeting with our product owners sharing the latest insights. |
| Advisory | Collaboration Kity use-cases identification | 2-8 | A Vaadin UX specialist will analyze your application and help you identify the parts where enabling collaborative features could enhance the application for a better user experience. | A report identifying where your application can be enhanced using the Collaboration Kit. |

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| Advisory | Product demo | 2 | Attend a quick demo to learn more about a selected Vaadin product, with a Q&A session afterward. | A demo and Q&A session on a selected Vaadin product. |
| Advisory | Analysis of Stacktraces/ Observability data | 1-8 | Analyze your application's stack traces and observability data to pinpoint potential bugs or issues. | A report based on our stack trace and observability data findings in your application detailing the found bugs and other issues. |
| Training | Online training (4h) from the training catalog, including Q&A | 6 | Enhance your Vaadin skills by attending a 4-hour online training built from the existing courses on vaadin.com. | 4-hour online training and a Q&A session. |
| Training | Onsite training day (8h) | 14 | Organize an onsite training day for your team with a Vaadin expert for a Vaadin deep dive. (Travel costs not included.) | 8-hour on-site training day with a Vaadin expert. |
| Training | Product introduction (4h) | 5 | Attend an online workshop geared toward helping your team get started with a selected Vaadin product. | 4-hour workshop on a selected Vaadin product. |

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| Training | Product/Kit-specific hands-on assistance | 1-4 | Get a headstart using a Vaadin product the right way with the help of our online guidance. | 30 min - 1hr online assistance. |
| Performance tuning | Scalability assessment | 80 | Assess your application's scalability to identify how many users your system can handle and when to consider clustering. The assessment will help you understand how specified user journeys will perform as concurrent users increase. | A report on the scalability assessment detailing how many concurrent users your installation can handle and insights on what can be done to improve the application's scalability. |
| Performance tuning | Performance review (server-side code) | 8-24 | Run your application using profiling tooling to identify potential bottlenecks and suggested improvements. | A list of suggested improvements based on the results. |
| Performance tuning | Setting up Gatling/JMeter test script | 24-80 | Quickly set up a Gatling/JMeter test script to test your application's performance. | A test script for Gatling/JMeter |
| Performance tuning | Identify and fix a performance bottleneck | 4-80 | Identify and fix a performance bottleneck in your application. | A report detailing our findings and suggestions for improvements. |
| Performance tuning | Set up on-premises observability solution | 8-16 | Set up a complete observability solution to monitor your application in production. This service includes the installation of Jaeger and monitoring tools such as New Relic, Prometheus, Datadog, etc | An on-premise observability solution, including installing Jaeger and your monitoring tool of choice (New Relic, Prometheus, Datadog, etc.) |

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| Framework modifications | Sponsored features and fixes | 8-80 | If you identify an essential functionality missing from Vaadin, we are happy to add new features and fixes as sponsored development effort. Get in touch! | A framework modification to match your project requirements. |
| Framework modifications | Feature/fix backporting | 4-16 | By default, new features are added to the latest Vaadin versions, but you can use your EOD hours to include new features in older supported Vaadin versions. | A report based on our stack trace and observability data findings in your application detailing the found bugs and other issues. |
| Component development | Add-on creation | 8-64+ | Create a unique component that fits your business case with our help. | A unique component created for your business case. |
| Component development | Add-on bugfix/feature/migration | 4-24 | Organize an onsite training day for your team with a Vaadin expert for a Vaadin deep dive. (Travel costs not included.) | Help with minor bug fixes, features, or upgrading your application to the next Vaadin major. |

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| Component development | Server-side API for web component/JS component | 8-32 | Seamlessly integrate a JavaScript component into your Vaadin application with our help in developing a Java API for that component. | A JavaScript component of your choice is integrated into your Vaadin application and the necessary Java API. |
| Setup assistance | Create app skeleton/template | 8-40 | Get a headstart with Vaadin with a helpful application baseline from us, including a project structure, main layout, and a couple of custom view examples. | An application template, including a project structure, main layout, and custom view examples. |
| Setup assistance | MPR installation feasibility study | 4-24 | Assess the feasibility of using multi-platform runtime for your application and estimate the effort required to install it. | An MPR installation feasibility study and a report on our findings. |
| Setup assistance | Kit-installation | 4-32 | Install an Acceleration Kit (SSO, Kubernetes, Azure Cloud, Observability, Collaboration, or Swing Kit) seamlessly into your application. | An Acceleration Kit of your choice is installed into your application. |
| Setup assistance | Basic spring Security setup | 8-24 | Set up (non-SSO) Spring Security to secure your application. | A basic (non-SSO) Spring Security setup |

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| Setup assistance | TestBench/UI test foundation into customer project | 8-32 | Get started with Vaadin TestBench for your application, including a few customized test examples. | TestBench is installed for your application and a UI test foundation for your project. |
| Setup assistance | Customized login views for SSO (Keycloak especially) | 8-32 | Customize your SSO provider's login view to match the company brand. | A customized SSO login view to match your branding. |
| Setup assistance | Setting up a Keycloak instance or other provider (Okta, Azure AD) | 8-40 | Set up a selected SSO provider for your application (Okta, Azure AD, Keycloak). | An SSO provider of your choice setup for your application. |
| Setup assistance | Deployment help for the customer to minimize downtime of version upgrades (rolling updates, seamless upgrades) | 8-24 | Deploy your Vaadin application to Kubernetes with our help and benefit from non-disruptive rolling updates that don't interrupt user sessions and reduce the cost and inconvenience of after-hours deployments. | A seamless deployment to Kubernetes using the Vaadin Kubernetes Kit. |
| Setup assistance | Deployment help to different platforms | 4-16+ | Get assistance deploying your Vaadin application onto different platforms. | Assistance deploying your Vaadin application. |

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| Integration assistance | Integrating with other SSO providers than those supported out of the box | 16-80 | Integrate an SSO provider that is supported out-of-the-box into your Vaadin application. | Assistance integrating an out-of-the-box SSO provider into your Vaadin application. |
| Integration assistance | Add support for other SSO protocols | 16-80 | The Vaadin SSO-Kit has built-in support for OpenID, however, if you need another authentication protocol, we can help add support. | Assistance integrating your chosen authentication protocol into your Vaadin application. |
| Integration assistance | Integrations with different technologies (React, Angular, etc...) | 20-80 | Integrate your Vaadin application with another application that is implemented on other technologies, such as React, Angular, etc., with our help. | Assistance integrating another application with your Vaadin application. |
| Other | POC project | 8-80 | Determine how Vaadin can accomplish your business need with our experts' proof of concept project. | A proof of concept project tailored to your specific business requirements. |
| Other | Workaround | 8-24 | Find a workaround for a bug filed under a Warranty ticket and continue developing your application until the actual bug is fixed in the next release. | A workaround for a bug fix is filed under Warranty. |
| Other | Practical implementations of our prototypes in Labs (file system access, USB integration, ...) | 20-80+ | Stretch the limits of your applications with a Vaadin Labs prototype refined into production-grade code and customized to your needs. | A Vaadin Labs prototype refined into production-grade code and customized to your needs. |

This catalog is a partial list of all our services.
Have a requirement that is not listed here?
Let's define the Expert on Demand Services you need together.

[Contact us to get started](#)