

Eemeli Surakka

Full Stack Developer

I have been building software since 2017. My proficiency includes various programming languages and frameworks such as: JavaScript, HTML, CSS, Angular, Next.js, React, Vue, Tailwind, Node.js, PHP and Laravel.

I have collaborated in plenty of agile teams as well as worked solo to deliver high-quality software products. I excel in clear communication and effective teamwork to achieve project goals



Experience

Full Stack Developer at Ordina

March 2023 — Present

Job description:

Ordina is an IT consultancy. At Ordina I have worked on multiple separate projects.

Project 1: Development of Capacare platform

A platform for an NGO to promote their mission to provide medical training in Africa. A customisable web app with blogging and e-commerce functionalities.

Contributions:

- Implemented dynamic and reusable components, such as layout elements, hero sliders Stripe payment forms etc.
- Developed a content management system using Sanity to make each page on the website customisable.
- Mentored junior developers and led code reviews to maintain project standards.

Technologies:

Next.js 14, React 18, Tailwind, Typescript, Node.js, Sanity CMS, CSS, HTML, Stripe, Framer-Motion, Vercel, Github Actions, NextUI, Prettier, ESLint, Jest, Github

Project 2: Development of CFK Connect

A financial app for CFK foundation for managing a bridging fund for professional football players.

Contributions:

- Implemented sophisticated user interfaces with the Laravel's Filament library, focusing on enhancing user experience and streamlining financial data presentation.
- Created unit and browser tests using Pest and Dusk, ensuring high code quality and reliability, and facilitating efficient troubleshooting and maintenance.
- Worked collaboratively with a diverse scrum team of testers and developers to convert financial requirements into user-centric solutions.

Technologies:

PHP, Laravel, Javascript, Docker, Azure DevOps, Pest, SQL, Git, Filament.php

Skills

Javascript / HTML / CSS

Typescript

Vue

Angular

PHP

Laravel

React

Next.js

Nuxt

Jest

Jasmine / Karma

Pest

Dusk

Node.js

Express.js

Three.js

WebGL

Figma

Tailwind

Bootstrap

SASS

LESS

Wordpress

GraphQL

SQL

Docker

Git

Automated testing

Vite

NPM

Frontend Developer at Amplixs

November 2020 — November 2022

Job description:

Amplixs is customer research service company. My daily tasks involved both front- and backend development. During my time at Amplixs I worked on multiple projects.

Project 1: Development of Amplixs' flagship product Amplixs

A robust online survey platform built with a monolithic, server-side rendered architecture. My role involved troubleshooting and refining the system to ensure optimal performance.

Contributions:

- Created new styled components to represent data in survey reports (Tables, graphs etc). This helped report readers to better understand results and meaning of survey findings.
- Developed features for dynamic survey builder UI using MVC pattern. Made bug fixes based on user feedback. This helped Amplixs employees to more efficiently build customized surveys for customers.

Technologies:

Javascript, JQuery 2&3, AngularJS, CSS, HTML, PHP 7&8, SQL

Project 2: Development of Artemas

A modernized version of Amplixs' content management system.

Contributions:

- Implemented a mobile UI for viewing survey findings and a web UI for managing survey questions.
- Created automated test suite for frontend using Jest.
- Developed GraphQL API models, types and endpoints.
- Implemented validation system and error handling for imported customer data.

Technologies:

Angular 13, Typescript, SCSS, Laravel 9, PHP 8, GraphQL, Jest, Jasmine, Apollo GraphQL CodeGen, NX monorepo library

Full Stack Developer at School of Applied Technology

May 2020 — September 2020

Job description:

Demanding career program for a group of 25 students selected out of over 1000 applicants. Focus on mimicking a fast-paced work environment where new technologies need to be absorbed quickly. Working in small teams a new product was built every day using a recently learned method or technology.

Various projects:

New technology and new project daily. Testing using TDD methodology. Extra focus was put on clean code and good practices. Projects included React websites, Rest APIs, Express servers etc.

Technologies:

Javascript (ES6), React, HTML, CSS, SCSS, Redux, Bootstrap, Jest, NodeJS, Express, Rest, Docker, Webpack, CLIs, NPM, Yarn, Git, ESLint, Heroku

Methodologies

OOP

Functional programming

Test driven development

Domain driven design

Component based design

MVC

Scrum

Agile

Languages

English (Fluent)

Finnish (Native)

Dutch (A2)

Details

Location:

Amsterdam, Netherlands

Nationality:

Finnish (EU passport)

Resources

Website:

eemelisorakka.dev

Linkedin:

eemeli-surakka

Full Stack Developer - trainee at Creative Strategy Digital

January 2020 — May 2020

Job description:

CSD specializes in customer research consultation. As developer trainee made improvements to the company's survey application. I also worked as a system admin.

Contributions:

- Added more relevant metadata columns to data recorded about each survey. Data was relevant for CSD to create more efficient strategies to optimize surveyor routes, order of questions etc.
- Built a web store using Wordpress to display and sell prints of photographs taken by company employees on work trips. This helped company find alternative sources of income during the pandemic.
- Acted as the system admin for employees using company's survey application on the ground. I was for example in charge of creation and management of user accounts of survey application's users. The role was crucial to keep surveying operations running on the ground.

Technologies:

Javascript, PHP, MySQL, MongoDB, Rest, Wordpress, CSS, HTML

Education

BSc Business Information Technology at Haaga-Helia University of Applied Sciences, Helsinki

January 2018 — September 2021

Description:

Studies involved both theory and practical software engineering projects. For example, an app for one of the biggest event venues in Finland. The app was used to give new security guards an introduction to their job and to test their knowledge.

Category 1: Software Engineering

- Frontend development
- Server programming
- Mobile programming
- Databases and data management

Category 2: Digital Services

- User experience
- 3D design & 3D printing

Category 3: ICT Infrastructures

- Information security
- Data networks

Interests

Running
Gaming on PC / PS5
Reading
Audiobooks
Photography
3D web development
Cats
Nature
AR / VR
Sci-Fi
Fantasy
History
Board games
Hiking
Asian cuisine