Emil Hansen

Senior Software Engineer

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Summary

Seasoned Senior Full Stack Developer with over **8 years** of experience in building and optimizing high-quality web applications. Proficient in a diverse range of modern frameworks and technologies, including **React**, **Vue**, **Angular**, **Node.js, Python/Django**, and **Java/Spring Boot**. Demonstrated expertise in designing robust backend systems, implementing state management, and migrating to server-side rendering solutions. Adept at leveraging cloud services and serverless architectures to enhance application performance and scalability.

Professional Experience

Senior Full Stack Engineer

FARFETCH   03/2022 – 04/2024

● Worked extensively with various JavaScript and TypeScript frameworks and libraries such as React, Vue, and Angular

● Enhanced application performance by implementing state management using React-Redux, Mobx, Context API, Vuex, and Pinia

● Improved website load times by migrating from React to Next.js and from Vue to Nuxt.js to enable SSR

● Built robust backend systems using Node/Express.js, GraphQL, Python/Django, and Java/Spring Boot, enhancing API response efficiency

● Developed RESTful APIs for client-server communication, optimizing data retrieval with MySQL, PostgreSQL, and MongoDB

● Enhanced security and user experience by integrating authentication and authorization mechanisms using OAuth and JWT

● Reduced operational costs by designing and deploying serverless architecture using AWS Lambda, DynamoDB, API Gateway, AppSync, SQS, SNS, and EC2

● Achieved high-quality code by implementing testing frameworks such as Jest and Jasmine, reducing bugs

● Increased team productivity by streamlining agile development processes using JIRA and Slack, and managing version control with Git/GitHub

Senior Full Stack Developer

Trifork   04/2019 – 02/2022

● Created user-friendly and responsive designs using HTML5, CSS3, Tailwind CSS, and Bootstrap, enhancing user experience

● Streamlined development by implementing reusable and custom components using CSS/CSS3, Bootstrap, React, and Material UI

● Launched a full-featured website from scratch using React, React Native for frontend, and Node for backend, ensuring high performance and scalability

● Improved team productivity by designing and implementing a real-time collaboration feature using WebSockets

● Optimized project timelines by introducing Agile methodologies such as Scrum and Kanban

● Ensured application scalability and reliability by implementing Kubernetes for container orchestration

Senior Full Developer

Apiko   07/2016 – 03/2019

● Enhanced application performance and reliability by rebuilding PHP applications in Node.js and conducting comprehensive testing using Mocha and Cypress

● Delivered secure and high-performance web applications by leveraging Laravel with Vue.js

● Modernized web applications by transforming them into single-page applications using AJAX and implementing robust state management in JavaScript

● Improved cross-browser compatibility by implementing webpack plugins and loaders to preprocess assets, optimize images, and transpile JavaScript code using Babel

● Ensured data scalability and reliability by designing and maintaining relational databases (MySQL, PostgreSQL, SQLite) and non-relational databases (MongoDB, Redis)

● Improved software release quality and consistency by designing and implementing a continuous integration pipeline using Maven and Gradle

Education

University of Copenhagen   08/2013 – 06/2016

Bachelor's degree in Computer Science

Skills

Tailwind CSS ● React/Redux/Hooks ● Next.js ● Vue/Vuex/Pinia ● Nuxt.js ● Angular ● Node ● Laravel ● Python ● Django ● Java ● Spring Boot ● MySQL ● PostgreSQL ● Redis ● MongoDB ● AWS ● Azure ● GCP ● Mocha ● Jasmine ● Cypress ● GitHub ● BitBucket ● Jenkins ● Docker ● Kubernetes ● React Native ● Flutter

Certification

IBM Full-Stack JavaScript Developer Professional Certificate – IBM, 2020

AWS Certified Developer – AWS, 2022