

Raymond Leow

FRONT-END SOFTWARE ENGINEER

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With 6 years of experience in front-end development using React, Angular, and TypeScript, I have honed my ability to create secure and scalable applications with a strong emphasis on performance optimization. I love to create innovative, user-centric solutions and thrive on challenges that push me to explore new technologies and methodologies.

Work Experience

Infor

Linköping, Sweden

DEMO SERVICES ENGINEER (FRONT-END)

May 2021 - Present

- Developed, optimized, and documented 50+ enterprise web applications and user interfaces using JavaScript/TypeScript frameworks (including Angular) for 800+ companies.
- Led proof-of-concept projects incorporating the latest technologies, integrating 3rd party systems such as OpenAI and SIP.js (VoIP), enhancing real-time communication and AI-driven features across enterprise applications.
- Refactored 100,000+ lines of code to Angular 18 and Infor Design System, improving client-side rendering by 67%.
- Mentored 20+ developers in component design and code reviews.
- Collaborated cross-functionally with 100+ UX designers, QA, back-end engineers, and sales teams.

Euronetics

Linköping, Sweden

FULL-STACK ENGINEER

Aug 2018 - Apr 2021

- Built and deployed a complex single-page calendar system using JavaScript (AngularJS and React).
- Implemented a secure authentication system for a Flask-based RESTful API using OAuth 2.0 and MySQL.
- Optimized core calendar logic and mobile app, reducing page load time by 83%, enhancing user experience and application responsiveness.

Lynes Technologies (formerly Briteback)

Norrköping, Sweden

FRONT-END DEVELOPER

Jan 2018 - Jun 2018

- Developed a synchronization tool for messaging channels, integrating Microsoft REST APIs.
- Executed regression/integration tests with Puppeteer, doubling test coverage.
- Built responsive components in JavaScript/TypeScript (React Native) and WebSockets, minimizing latency and achieving state transitions within 1 second, enhancing user interactivity.

Linköping University

Linköping, Sweden

LAB ASSISTANT FOR THE COURSE "FUNCTIONAL AND IMPERATIVE PROGRAMMING"

Aug 2016 - Jan 2018

- Mentored 100+ students in problem solving and design patterns.
- Designed new course material focused on image processing, benefiting 800+ students.
- Graded 400+ lab assignments and exams, ensuring fair and constructive feedback.

Education

Linköping University

Linköping, Sweden

MASTER OF SCIENCE IN ENGINEERING: COMPUTER SCIENCE AND SOFTWARE ENGINEERING

Aug 2013 - Dec 2018

- Integrated Bachelor's and Master's program.
- Specializing in web, game, and mobile application development.

Lynes Technologies (formerly Briteback)

Norrköping, Sweden

DEGREE PROJECT

Jan 2018 - Jun 2018

- Integrated Grandstream system with Lynes' communication tool.
- Built a WebRTC client with JavaScript (React) and Janus SIP, improving video call frame rate by 25%.
- Conducted UX and network performance analysis through end-to-end testing.

Computer Skills

LANGUAGES

TypeScript, JavaScript, HTML, CSS, Python (Expert)

C++, C#, Java (Proficient)

TECHNOLOGIES

Angular, ReactJS, Android, MySQL, Tailwind CSS, Bootstrap, AWS, Puppeteer