

# Luke Payne *Senior Software Engineer*

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📍 Turku, Finland

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## Profile

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Passionate full-stack engineer with 8+ years of professional experience working on enterprise and startup projects. I have a particular passion about building large-scale applications, expanding my skill-set throughout my career.

Greatest strength is strong experience in a variety of tech stacks and clear and efficient communication. I communicate complex solutions in a way that non-technical stakeholders can understand, making me a valuable asset to any team.

Professionally, I excel in multiple development methodologies, adhering to design principles, creating development standards, and staying up-to-date on the latest web-based developments.

I am interested in a wide range of software engineering topics and always on the lookout for new and exciting projects.

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## Professional Experience

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### Senior full-stack engineer

2022 Jan – 2023 Oct | Surrey, Canada

*Mango Projects Inc* [🔗](#)

- Led the front-end developers—doing code reviews to achieve maintainable and high-quality code.
- Developed an application from the ground up; also configured the project structure and application skeleton.
- Designed the application architecture on TypeScript, React, and Redux, C# and PostgreSQL.
- Designed a REST API with a sub-team of back-end developers.
- Configured the project's Webpack build process.

### Mid-level front-end developer

2019 Jul – 2021 Nov

*Solwey Consulting* [🔗](#)

Austin, TX, United States

- Developed a React Native Android app that helps farmers automate their production.
- Maintained and improved the client portal React application.
- Developed an internal tool that monitors all our internal and public services.
- Developed responsive mobile web applications with AngularJS.
- Developed node.js server to validate membership and track digital badges being used, saving \$20k of company
- Created 3 efficient and reusable front-end systems to drive web applications to marketplace

### Junior full-stack developer

2017 Nov – 2019 May | Oslo, Norway

*ALTOROS* [🔗](#)

- Developed code following common security practices and development design patterns

- Wrote 200+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions
- Assisted in complex code development for 7 Laravel and Node.js applications, including POS system.
- Created and maintained front-end code for customer interface, improved customer satisfaction rating by 40%.

### Front-end developer

2016 Aug – 2017 Oct

SOFTWARE SAUNA [🔗](#)

Helsinki, Finland

- Built an internal tool for risk management as a rich single-page application SPA using React.
- Developed fully functional applications with front-end tools such as JavaScript and Node.js, and AWS cloud services such as Lambda and S3.
- Developed highly scalable and robust API platform components and frameworks, as well as cloud services.
- Worked on several mobile-first web applications with rich user experiences.

## Skills

### Languages

HTML5, CSS3, JavaScript, ES6, ES7, TypeScript, PHP, Python

### Frameworks

Angular, Next.js, Gatsby, Nuxt.js, Vuetify, Laravel, Express.js, Django, Tailwind CSS, MUI

### Libraries/API

React, Vue.js, Styled-components, Core-js, Ember.js, jQuery, Moment.js, Lodash

### Paradigms

Unit testing, E2E testing, Test Automation, CI/CD, Microservice

### Tools

Webpack, Gulp, Grunt, Babel, Nginx, VS code, Jira, Github, Bitbucket

### Platforms

Amazon web services, Azure, Docker, Kubernetes

### Database Storage

PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, MS SQL Server

## Soft skills

Time management, Problem-solving, Critical thinking, Effective communication, Goal setting, Flexibility, Self-confident

## Projects

### Modular B2B Software for SaaS Company

2021 May – present

This project is software engineering services built with React and Python.

The client wanted to build end-to-end functionalities of modules they needed to deliver.

Our main focus was on delivering modules within the compliance and risk field, and our goal was to produce high-quality code and design during the process. We also assisted us with a lot of our continuous deployment (CI) and continuous integration (CD) efforts.

We were in charge of writing and testing the code. The tech stack included React and Ruby on Rails (Rails), which were used for front- and backend development, respectively. After that, my team supported the client with deployment and troubleshooting services.

### **RSIS – Accounting Software for Shipping**

#### **Resellers**

RSIS provides highly specialized accounting software for shipping resellers across the globe, allowing them to mark up and then market their rates for thousands of small business customers who otherwise would not have access to discounted shipping. Their software offering includes a white label back-office application for managing users, tracking usage, performing billing, and doing data analysis; a white label SaaS-based front-end portal for end users to get rates and create shipments; and a series of APIs and carrier integrations for making shipments possible.

The technology stack for this project included Adobe Flex with AMF, Linux, Apache, MySQL, and PHP with the Laravel and the Zend Frameworks, and integrations with numerous carrier web services. Currently this application is being used by thousands of customers around the world.

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## **Education**

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### **Bachelor's degree**

2012 Apr – 2015 May | Turku, Finland

*UNIVERSITY OF TURKU*

- Recognised the importance of the World Wide Web and its main programming languages in the broader context of information and communication systems.
- Applied programming techniques to implement client-side and server-side Web solutions.