

# Mark Garner, Full Stack Software Engineer

Stockholm, Sweden | +46 08 559 22 046 | [markgarner337@outlook.com](mailto:markgarner337@outlook.com)

## Summary

Respectful **self-motivator** with a talent for identifying dependable solutions to software challenges. Experienced Full Stack Developer with over **6 years of experience** in crafting and **launching e-commerce platforms**, custom CRM systems, and scalable **microservices** architectures. Proficient in both front-end and back-end development, utilizing JavaScript libraries like **React** and **Vue** to craft dynamic user interfaces. Well-versed in JavaScript-based **server-side frameworks** such as Node.js, Express.js, and Nest.js, as well as **Python-based frameworks** including Django, Flask, and FastAPI. Demonstrated track record of **effective collaboration** within team settings, leveraging technical expertise for project success.

## Work Experience

### Full Stack Software Engineer

Dec 2022 – June 2024

#### Reducto, Remote – CA, US

- Implemented **server-side rendering** with Next.js, leading to a 25% increase in page load speed and improved SEO ranking.
- Deployed a dynamic **dark-bright theme** feature to enhance user experience and accessibility.
- Implemented **robust security measures**, including authentication mechanisms and data encryption using AES, to safeguard against common security vulnerabilities and ensure data protection.
- Constructed Distributed Database using **RAID 10** architecture, increase data security and the speed of the query to Database.
- Utilized **Jest Frameworks** to conduct comprehensive unit and integration tests, ensuring the reliability and functionality.
- Created a **chatbot** using **OpenAI's LLM** and **Bark** model for **Text-to-Speech**, resulting in a 10K increase in monthly users.
- **Mentored 2 junior engineers**, fostering professional growth and promoting an innovative work environment.
- Leveraged knowledge in React, Next.js, Redux, TypeScript, React Hooks, Material UI, Jest, Node.js, REST APIs, MongoDB, cloud DB, Mocha

### Web Developer

Sep 2019 - Nov 2022

#### Jayway, hans Michelsensgatan, Sweden

- Employed **Gradle & Webpack** extensively to build **microservices** and UI components, seamlessly integrating them for **CI/CD** using GitHub Actions with the DevOps Team.
- Designed and implemented a **scalable database architecture** that supported a 300% increase in data volume while maintaining system reliability and performance.
- Enhanced RESTful APIs using **FastAPI** for a web application with 10M monthly users.
- Actively participated in sprint planning, daily stand-ups, and retrospectives, contributing to the **Agile development process**.
- Utilized MUI Components for web application development, ensuring **flexibility across various screen sizes**.
- Leveraged knowledge in React, Vue, Node.js, Webpack, Github, Material UI, TailWind CSS, AWS, MongoDB, FastAPI

### Junior/Middle Software Engineer

Aug 2017 - Aug 2019

#### CodeMill, Umea, Sweden

- Translated design and wireframes into **high-quality code** for landing pages for 5 new product concepts.
- Created **accessible, responsive, and functional UI** to provide a consistent user experience across all devices, leading to a 135% increase in 5-star UX/UI reviews.
- Improved **reporting speed of the internal analytics team** by 24% through the design and implementation of RESTful API services for the company's internal ERP.
- Leveraged knowledge in HTML, CSS, JavaScript, React.js, Vue, Express.js, Jest, Cypress, Python, Django

## Education

### Bachelor of Science (BS) in Computer Science

Sep 2013 – Aug 2017

#### Stockholm University, Stockholm, Sweden

## Skills

C++, Python, HTML5, CSS3, SCSS, JavaScript, Typescript, React, PHP/Laravel, Node.js, Express.js, FastAPI, Django, GraphQL, Git, Docker, Linux, SQL, MongoDB, MySQL, PostgreSQL, Elasticsearch, Java, Agile, Jira/Agile/Kanban, TDD, Responsive Design, Web application development, Object-oriented Programming, API design and Integration, Jest, Mocha, gRPC, CI/CD