

# MARTIN SIMEK

## Senior Software Engineer

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Senior Software Engineer with **10+** years of expertise in web applications. Expert in **Ruby, Go, Java, python** and modern JavaScript frameworks, demonstrating excellence in delivering high-performance applications that reduced load times by **30%** and amplified user engagement by **45%**. Distinguished record in responsive **UI** and **RESTful APIs** development, driving substantial improvements in system efficiency and user satisfaction. Proven mastery in frontend and backend development, specializing in **Gin, Ruby on Rails, Spring Boot, Node.js, Django** and **React, Angular, Vue.js**.

## WORK EXPERIENCE

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### SENIOR SOFTWARE ENGINEER

**MAY 2021 – DECEMBER 2024**

Worry Free Labs | Nashville, TN 37064

- Led the development of **5+ applications**, utilizing **React (with Hooks and Redux), Node.js, Gin, Go, and Spring Boot**, improving user engagement by **35%**.
- Employed **React Hooks** to create functional components, optimizing re-rendering and boosting app performance by **20%**.
- Architected and integrated **15+ RESTful APIs** and **SOAP APIs**, streamlining data interaction and enhancing application efficiency by **40%**.
- Leveraged **Docker** and **Kubernetes** for containerization and deployed on **AWS** and **Azure**, achieving **99.9%** uptime
- Implemented **Git** workflows with **JIRA** for project management, reducing deployment time by **20%** through agile methodologies.
- Collaborated with cross-functional teams, accelerating feature rollouts by **30%**.

### LEAD SOFTWARE ENGINEER

**MARCH 2018 - MAY 2021**

Trinefix Inc | Nashville, TN, 37210

- Delivered **50%** increase in user satisfaction by developing innovative features for a **SaaS** application integrating a range of technologies, including **Vue.js, Ruby on Rails, Gin, Go, and PostgreSQL**.
- Streamlined **CI/CD** processes using **Jenkins**, achieving a **50%** reduction in integration errors and accelerating release cycles by **30%**.
- Launched **10+** microservices in **Go** using the **Gin** framework, resulting in a **45%** enhancement in response times and improved application scalability.
- Oversaw cloud environments on **AWS** and **Azure**, ensuring robust, secure, and scalable applications that handled up to **10,000** concurrent users through effective deployment strategies.
- Established testing standards with **Jest** and **Mocha**, achieving **90%** code coverage and reducing production bugs.

### SOFTWARE ENGINEER

**MAY 2016 - MARCH 2018**

Waverley Software | Palo Alto, CA 94301

- Developed **25+** software projects leveraging **Angular, C#, and MySQL**, to drive business growth and improve operational efficiency by **15%**.

- Designed a cloud-based inventory management system on **AWS**, featuring real-time tracking and reporting capabilities, resulting in a **30%** reduction in inventory costs and a **40%** increase in order processing speed.
- Revamped **UX/UI** principles to redesign **5+** existing applications, enhancing client engagement by **60%** and reducing user drop-off rates by **15%**.
- Conducted **2+** code reviews weekly, identifying critical bugs and vulnerabilities that improved code quality metrics by **50%** and fostered a culture of continuous learning.
- Applied skills from monthly technical training in **DevOps** practices, cloud computing, and application architecture to enhance team projects.

## JUNIOR SOFTWARE ENGINEER

**AUGUST 2013 - MAY 2016**

Eribs | San Francisco, CA 94607

- Developed **eCommerce** solutions with WordPress and **Shopify**, enhancing user experience and increasing customer engagement by **15%** in the first year.
- Created **5** responsive web pages using **HTML**, **CSS**, and **JavaScript** as part of a team, focusing on optimizing load times, which resulted in a **20%** reduction in page loading speeds.
- Collaborated with a team of **4** developers to gather client requirements and implement tailored solutions, which contributed to achieving an **85%** client satisfaction rate in project feedback surveys.
- Maintained a **MongoDB** database with over **100,000** entries, ensuring efficient data storage and retrieval and applying best practices in database design.
- Engineered a Python-based data analysis tool as part of a capstone project, improving data processing times by **15%** through application of advanced data analysis frameworks.
- Integrated basic testing using **Jest**, achieving a **70%** code coverage across key features and gaining valuable insights into the importance of testing in software development.
- Worked within an **Agile** team of **6**, contributing to sprint planning and reviews, which resulted in a **20%** improvement in project delivery efficiency over three months.

## EDUCATION

Tennessee State University, Nashville, TN

**APRIL 2009 - AUGUST 2013**

BA of Applied Science (BASc), Computer Science

## SKILLS

- **Languages:** Go, Ruby, Python, JavaScript, TypeScript, Java, C#
- **Frameworks/Libraries:** Gin, Ruby on Rails, Django, Node.js, React, Next.js, Angular, Vue.js, Nuxt.js, Spring Boot
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **Cloud Platforms:** AWS, Azure
- **DevOps:** Docker, Kubernetes, Jenkins, Git, Ansible
- **Testing:** Jest, JUnit, Cypress, Mocha
- **Other:** RESTful APIs, SOAP