

Ruzan Sasuri

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with 7+ years of experience building scalable, secure, and high-performance applications. Skilled in Go, React, TypeScript, Docker, Kubernetes, and AWS. Proven track record in performance optimization, automation, and collaborative cloud-native development using Git and CI/CD. Passionate about creating elegant technical solutions that drive measurable impact.

WORK EXPERIENCE

F5 Networks, Inc.

Software Engineer | San Francisco, CA | Mar 2019 – Dec 2024

- Implemented caching mechanisms to reduce load times of schema-generated pages from 60 seconds to 2 seconds, improving user experience and overall performance.
- Built and integrated a cross-provider VM provisioning and orchestration system that standardized deployments and minimized configuration drift across environments
- Designed and implemented full-stack, customer-facing features on large-scale enterprise products, collaborating with product, UX/UI, and engineering teams to deliver scalable solutions.
- Contributed to the Security Ninjas initiative, writing and reviewing Threat Model Assessments to identify and mitigate vulnerabilities early in the design phase, reducing post-release security risks by 20%.
- Built automation scripts in Shell to handle system backup and restore operations with integrated failure handling, delivering a fully functional solution within two iterations under tight deadlines.
- Key Skills: Go, React, TypeScript, Docker, Kubernetes, PostgreSQL, Git

Accenture PLC

Software Engineering Analyst | Mumbai, India | Nov 2013 – Apr 2016

- Spearheaded automation initiatives using Perl and Shell scripting to streamline operational workflows and implement disaster recovery solutions, improving recovery time by 20% and reducing manual effort.
- Automated the Unix-to-Linux (U2L) migration process by developing custom scripts to transfer configuration files and binaries, ensuring a seamless and error-free migration experience.
- Developed and maintained web-based tools using Perl/CGI, HTML, CSS, and JavaScript to display real-time server data, enhancing system monitoring accuracy and improving stakeholder visibility.
- Collaborated closely with infrastructure teams, leveraging Jenkins for CI/CD automation and Linux-based systems for server management to enable reliable and scalable operations.

PROJECTS

AI-Driven Portfolio Chatbot (Live)

2025

- Built and deployed an interactive portfolio site hosted on GitHub Pages featuring a custom chatbot that uses a static vector representation of my professional profile with public LLMs to answer user questions.
- Implemented lightweight retrieval logic and prompt formatting to surface accurate, context-aware responses using an AWS Lambda.

Luxury Watch E-Commerce Platform

2025

- Designed and engineered a high-end e-commerce experience for a luxury watch brand using React, Vercel, and Sanity CMS, with a focus on premium UI components and content-driven workflows.
- Developed CMS schemas, dynamic product modules, and frontend architecture structured for scalable content updates and performant rendering across devices.

TECHNICAL SKILLS

Programming Languages: Go, TypeScript, JavaScript, Python, Java, C#

Containerized Systems: Kubernetes, Docker

Web Technologies: React, AngularJS, HTML, CSS

Cloud & DevOps: AWS, Git, CI/CD, Agile, DevOps pipelines, Cloud Infrastructure

Backend & Architecture: Microservices, API Design

Tools & Scripting: Shell scripting, IntelliJ Suite, MS Visual Studio

Testing & Automation: Jest, Cypress, JUnit

Database Management: PostgreSQL, MySQL

EDUCATION

Master of Science (M.S.) in Computer Science

Rochester Institute of Technology, New York | Aug 2016 – Dec 2018

Key Courses: Distributed Systems, Big Data Analytics, Foundations of Networking

Bachelor of Engineering (B.E.) in Computer Engineering

Mumbai University, Mumbai, India | Sep 2009 – May 2013