Rahul Singh

Noida, India • +91-7906508257 • rahulraghav358@gmail.com
linkedin.com/in/rahul-singh-b8381721b • github.com/Rahul-singh7906

Professional Summary

Results-driven Full-Stack Software Engineer with 1 year of hands-on experience developing scalable cloud applications, Automation Software. Expert in Python, JavaScript, GCP, and DevOps methodologies. Proven track record of delivering solutions that led to 75% faster deployments, 60% improved application performance, and supported systems with 100,000+ active users.

Technical Skills

Languages & Frameworks: Python (Flask), JavaScript/TypeScript (React, Node.js), Java

Cloud Platforms & Services: GCP (Cloud Run, Cloud Functions, Pub/Sub)

Databases & Storage: MongoDB, Supabase, Elasticsearch

DevOps & Infrastructure: Docker, GitLab CI/CD, GitHub Actions

Tools & Methodologies: Git, Github, Linux, ELK Stack, Microservices Architecture, RESTful APIs

Professional Experience

Software Engineer | Opusify IT Solutions Pvt. Ltd., Noida, India (Sep 2024 - Present)

- Architected and developed a test automation platform and desktop automation softwares using Python, Selenium, and Pytest, reducing manual working time by 60% across Android, iOS, and Windows.
- Designed and implemented RESTful APIs with Flask and FastAPI for payment processing systems, handling 10,000+ daily transactions with 99.99% uptime.
- Developed end to end desktop automation software i.e RPA for clients that automated entire manual processing
- Developed an automated CI/CD pipeline using Python, GitLab CI, and custom CLI tools, cutting release cycles from 14 days to 3 days with zero downtime.

Software Engineering Intern | MGN Inc., Tokyo, Japan (May 2023 - Aug 2024)

- Developed scalable Python microservices with Flask and deployed on GCP Cloud Run with auto-scaling for 100,000+ active users.
- Implemented a TensorFlow-based ML pipeline on GCP Cloud Functions, reducing inference time from 2000ms to 300ms for 500+ daily uploads.
- Configured centralized logging with ELK Stack across 15+ services, reducing debugging time from 4 hours to under 15 minutes.
- Built API security with Redis for rate limiting, JWT validation, and threat detection, securing 500,000+ daily requests and blocking 2,000+ malicious attempts.

Achievements & Recognition

- IBM Project Development Runner Up for developing innovative project using Machine Learning during in pre-final year in college.

Education

Bachelor of Technology in Computer Science and Engineering (CGPA: 7.99/10)