

# RAHUL GUPTA

Senior Software Engineer

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Mumbai, India

## SKILLS

Node.js, Python, Go, PHP, Docker, GCP, AWS, DevOps, React.js, Next.js, Vue, Shell Script, PostgreSQL, MongoDB, Auth0, Machine Learning, Artificial intelligence, Tensorflow, API Development

## SUMMARY

Senior Software Engineer with 5+ years across full-stack, DevOps, and quantitative trading systems. Currently at QuantDirection building high-availability auto-trading pipelines and backend infrastructure. Skilled in Node.js, Python, Go, Docker, GCP, AWS, and Next.js. Bridges the gap between quantitative logic and production-ready systems.

## EXPERIENCE

### QuantDirection (via Cloudstaff LLP)

Senior Software Engineer

Jan 2025 - Present

California, United States · Remote

- Onboarded by thoroughly reading the codebase and preparing documentation as a knowledge base for future reference.
- Resolved existing bugs and refactored **legacy codebase**, improving maintainability and laying the foundation for scalable development.
- Built **CI/CD pipelines** from scratch, enabling reliable and rapid deployments where none previously existed.
- Upgraded core projects and dependencies, reducing technical debt and improving system performance and security.
- Designed and implemented **auto-trading pipelines** using **webhooks** and third-party integrations after infrastructure was stabilized.
- Set up **centralized logging** and monitoring for full visibility into high-availability trading operations.
- Technologies: Node.js, Python, Docker, CI/CD, Webhooks, Cloud Infrastructure, System Monitoring.

### Nexsales Solutions Pvt Ltd

Software Engineer → Senior Software Engineer

Oct 2022 - Jan 2025

Mumbai, India

- Developed an **Artificial Neural Network** in **TensorFlow** with over **95%** accuracy; exported model from Python to JavaScript for improved performance.
- Implemented **single OAuth** via Auth0 across all products, eliminating repeated logins and reducing sign-up drop-offs by **20%** while cutting security issues by **30%**.
- Revitalized a **JavaScript** scraping tool increasing speed by **40%**; automated keyword scraping via shell scripts.
- Collaborated with architects to build scalable software for our lead generation platform, supporting thousands of users with high stability.
- Managed **CI/CD** pipelines on **GCP**, ensuring seamless deployments and leveraging **AWS** for scalable cloud solutions.
- Contributed to **6+ products**, adapting to various tech stacks across the platform.
- Technologies: Node.js, Python, Docker, Next.js, React.js, Vue.js, PostgreSQL, GCP, AWS, Auth0, DevOps.

### Saryu Business Solutions

Full Stack Web Developer

Jan 2021 - Oct 2022

Mumbai, India

- Led the development of **6+ full-stack web applications** using **PHP** and **MySQL**, collaborating closely with designers and clients to boost user engagement by up to **25%**.
- Built a **static site generator** with custom templates to productize static website delivery, cutting development cost and time by **40%** across projects.
- Technologies: Node.js, Python, PHP, MySQL.

## EDUCATION

**M.Sc. Computer Science** (K.C College)

2020 - 2022

**B.Sc. Information Technology** (Hinduja College)

2017 - 2020