

# Rohit shukla

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## PROFILE SUMMARY

Software Engineer with **3.7+ years** of experience building scalable distributed systems and microservices. Expertise in **Go, Java**, and cloud-native architectures on **GCP/AWS**. Proven track record of improving system scalability by **40%** and reducing deployment time by **60%** through containerization and **CI/CD** automation. Strong background in event-driven architectures, **API design**, and database optimization.

## SKILLS

**Languages:** Go, Java, Python, SQL, HTML, CSS  
**Frameworks:** Angular, Spring (Spring Boot, Spring MVC, Spring Security), Hibernate, GRPC, Microservices, Servlets, JSP  
**Databases and Monitoring:** MongoDB, PostgreSQL, Redis, Kibana, Elasticsearch, Datadog, PostHog  
**Cloud & DevOps:** GCP, AWS, Kubernetes, Docker, CI/CD, GAE, GKE, Terraform, BigQuery, OpenAI  
**Security & APIs:** OAuth2, API Authentication, RESTful APIs, JWT, Spring Security  
**Message Queues:** RabbitMQ, Pub/Sub

## WORK EXPERIENCE

**Vendasta - Software Developer II**

September 2024 - Current

Chennai, India

- Developed scalable distributed applications using **Golang** and **Java** on GCP with MongoDB persistence and **OAuth2** authentication
- Implemented microservices architecture with Kubernetes orchestration, improving system scalability by **40%**
- Deployed containerized services using **Docker, Kubernetes** with monitoring via Prometheus and automated CI/CD pipelines
- Built high-performance systems using **gRPC** communication, ensuring high availability and fault tolerance

**Dataman Computer Systems - Associate Software Developer**

February 2022 - September 2024

Kanpur, India

- Architected and deployed 5+ RESTful microservices serving **10,000+** daily requests, reducing response time by **25%** through optimized database queries and caching strategies
- Led integration of 3rd-party payment and notification APIs, increasing transaction success rate from **85%** to **98%**
- Mentored 2 junior developers on ORM best practices and code review processes

## PROJECTS

**Event Management Application**

**Technologies Used:** Java, Spring Boot, Hibernate, Spring MVC, Spring Security, PostgreSQL, RESTful APIs, Docker, Redis, RabbitMQ, HTML5, CSS3, Thymeleaf, Cashfree payment gateway, Twilio, maven

**Project Overview:** Developed a full-stack event management system for scheduling, ticketing, payments, and attendee management. Implemented microservices architecture with containerized deployments, ensuring **scalability** and **fault tolerance**. Collaborated with a team of **4 developers** to deliver features on time, integrating third-party services for payments and notifications. Reduced manual overhead by **40%**, improved user retention by **30%**, achieved **100% security compliance**, and accelerated deployment by **60%**. Delivered real-time notifications and **high-performance workflows**, enabling seamless user experience. Optimized database queries and caching strategies, improving system response time and reliability.

## HACKATHON

**Google AI Agent Development Kit Hackathon | Software developer & AI Developer**

Developed an AI-powered multi-agent system using Google ADK & Gemini AI to automate urban garden management, reducing manual maintenance by 70%. Integrated Python monitoring agents with Google Cloud IoT services for 100+ concurrent sessions and implemented ML models to improve crop yield forecasts by 35%. Designed multi-agent communication protocol for autonomous decision-making across distributed sensors. Secured 2nd place among 150+ teams. [Link](#)

## EDUCATION

**Dr. A.P.J. Abdul Kalam Technical University - Masters (Master Of Computer Application - MCA)**

June 2020 - July 2022

Kanpur, India