

Vedant Karandikar

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PROFESSIONAL SUMMARY

Backend Engineer with 3 years of experience in designing and optimizing scalable microservices and backend systems. Proficient in Go, Java, and microservice architecture. Experienced in turning complex business requirements into practical development solutions and improving team performance through strong mentorship. Eager to apply my technical skills to develop innovative and efficient software solutions in a new role.

PROFESSIONAL EXPERIENCE

Precisely, Pune, IN

Dec 2021 – Present

Software Engineer 2 (July 2023 - Present)

- Designed a secure communication solution between customer environments and our cloud using AWS and Kubernetes.
- Acted as a technical liaison, effectively converting complex business requirements into actionable development tasks, facilitating smoother project executions.
- Addressed and resolved Level 3 support inquiries, leveraging deep system architecture expertise to reduce downtime and improve client satisfaction.
- Optimized existing microservices for performance and scalability, resulting in a 25% increase in throughput and a 15% reduction in latency.

Software Engineer 1 (July 2022 – July 2023)

- Co-developed a scalable schema maintenance system, modernizing a legacy backend to support robust multi-tenant SaaS applications, significantly boosting system adaptability.
- Acted as a key mentor within a cross-functional team, providing guidance which helped ensure the team adhered to architectural guidelines and improved overall project outcomes.
- Collaborated with senior engineers to redesign critical system components, leading to a ~ 50% improvement in system reliability and maintainability.

Associate Software Engineer (Dec 2021 – July 2022)

- Developed a new Encryption Service as the first golang engineer, building the service from the ground up, while also setting up the groundwork for future microservices improving pipeline productivity by ~ 75%
- Engineered an automated token generation system utilizing OIDC for seamless authentication of background operations, enhancing security and operational efficiency.
- Led the integration of monitoring tools such as Grafana and Datadog to provide real-time insights and proactive issue resolution.

EDUCATION

SPPU (Pune University), Pune, India
B.E in Computer Engineering

Aug 2021

PROJECTS

Incursus, Task Management Startup

July 2020

- Developed and launched 'Incursus', a task management app designed to optimize productivity through advanced prioritization algorithms, hosted on Google Cloud Platform.
- Utilized Kotlin for robust Android application development, achieving thousands of active users and receiving positive user feedback on its efficiency and user-friendly interface.
- Spearheaded the entire project from concept to market, including system architecture, UX/UI design, and customer engagement strategies.

GMA Web/Mobile App, Freelance/Gastrolab India

June 2021

- Created a medical assessment tool for Gastrolab India using Flutter.
- Integrated a clinical calculator for a medical device, patient education resources, and assessment scores to aid doctors and physicians in diagnosis and treatment planning.
- Led the entire project lifecycle, including UI/UX design with Figma, development, and deployment on Google Cloud Platform, ensuring optimal performance and scalability.

CERTIFICATIONS

Scalability & System Design — Educative

Self Driving Cars — University of Toronto

Machine Learning — SuperDataScience

SKILLS

Languages: Go (Golang), Java, C++

Frameworks: Spring Boot, Flutter

Databases: MongoDB, PostgreSQL

Tools: Kafka, Kubernetes, AWS, HashiCorp Vault