

VEDANG ACHARYA

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SUMMARY

Senior Software Engineer with 5.5+ years of experience in high-scale fintech and core banking. Proven expertise in building distributed systems using **Java, Golang, and AWS** that handle **50M+ daily transactions**.

TECHNICAL SKILLS

- **Languages:** Java (Expert), Golang (Proficient), SQL
- **Frameworks/Tools/Databases:** Spring Boot, Spring Cloud, Hibernate, Redis, PostgreSQL, Kafka
- **Cloud & DevOps:** AWS (Lambda, ECS, S3, CloudWatch, SQS, SNS), Git, Docker, CI/CD pipelines

EXPERIENCE

MBANQ <i>Senior Software Engineer</i>	Bengaluru Feb 2023 – Present
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- **Technical Lead, Transfers Domain** – Spearheading the end-to-end architecture and delivery of the global transfers module, facilitating fund movement for a diverse portfolio of international banking partners.
- **Architected** a hybrid deployment model for inter-bank transfers, enabling seamless switching between AWS Lambda and ECS; optimized system resource allocation and latency which reduced AWS costs by **50 percent**.
- **Developed** core banking microservices for the US sector, ensuring high availability for critical money-movement flows serving **10M+ requests per month**.
- **Modernized** legacy serverless components into high-performance containerized services to support enterprise growth.

BILLDESK (IndiaIdeas.com) <i>Senior Software Engineer</i>	Mumbai July 2019 – Feb 2023
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- **Engineered** a custom API Gateway using Spring Cloud handling **50M+ API calls per day** with integrated authentication and load balancing.
- **Designed** a bridge microservice for top-tier card issuers to validate subscription payments, processing **15M+ daily messages**.
- **Optimized** mandate validation logic, reducing processing errors for high-volume recurring payment platforms.

EDUCATION

National Institute of Technology (NIT), Goa <i>B.Tech in Electrical and Electronics Engineering (CGPA: 8.25)</i>	2015 – 2019
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PROJECTS

Inventory Management System (Golang)

- **Architected** a high-concurrency inventory engine in **Golang**, leveraging **Goroutines and Channels** to process real-time stock updates across multiple locations with sub-10ms latency.
- **Optimized** for low-cost infrastructure by implementing a memory-efficient backend, allowing the system to handle **1,000+ RPS** on entry-level cloud instances.
- **Designed** a modular “**Clean Architecture**” to ensure the codebase remains maintainable and scalable as SME requirements grow from single-store to multi-warehouse operations.

AWARDS

- **JEE Advanced:** Ranked **12,004** out of 1.3 million candidates (Top 1%).
- **Smart India Hackathon:** 5th Position (Govt. of India) – Health Sector category.
- **Inventory System (Golang):** Built a lean, high-concurrency inventory tool for low-latency stock tracking.