

# 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 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** Bengaluru  
*Senior Software Engineer* Feb 2023 – Present

- **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)** Mumbai  
*Senior Software Engineer* July 2019 – Feb 2023

- **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** 2015 – 2019  
*B.Tech in Electrical and Electronics Engineering (CGPA: 8.25)*

## 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.