SIDDHANT GAWAI

Software Development Engineer II – Backend

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siddhantgawai.in

Senior Backend Engineer with **7+ years of experience** building scalable **distributed systems** in fintech and healthcare SaaS. Expertise in Node.js, Kafka, cloud platforms (AWS/GCP), and high-volume transaction processing.

Technical Skills

Backend & APIs
- Node.js, NestJS, Express, TypeScript, GraphQL, gRPC

Distributed Systems
- Kafka, Debezium, Event-Driven Architecture, CQRS, WebSockets

Databases & Storage
- PostgreSQL, MySQL, MongoDB, Redis, CouchDB

Cloud & DevOps
- AWS, GCP, Docker, Kubernetes, CI/CD (Jenkins), Serverless

Practices
- System Design, Observability, Security, TDD, Microservices

Observability
- Kibana, Elastic APM, Logging, Monitoring

Professional Experience

SDE-II (Backend / Platform) Ahmedabad, India | Apr 2025 – Present
NOVO
- **Owned and enhanced critical money movement systems** including **ACH, Domestic Wire, Checks/MRDC, Identity, and payment processing services**, ensuring reliable and secure transaction execution.
- **Designed and improved transaction processing, reconciliation, and third-party integrations** (including banking and financial providers), focusing on **consistency, reliability, and scalability**.
- **Built observability and monitoring solutions** using **Kibana, APM, and centralized logging**, improving operational visibility and accelerating incident resolution.
- **Led production support, database optimization, and large-scale service upgrades**, driving **performance improvements, platform stability, and system reliability**.

Senior Software Engineer Ahmedabad, India | Feb 2023 – Mar 2025
MediaNV
- Architected **event-driven microservices and CDC pipelines** supporting large-scale healthcare data synchronization across distributed systems.
- Implemented **Kafka + Debezium-based CDC pipelines**, reducing data replication lag by **~50%**.
- Designed a **real-time event store** to keep distributed systems in sync.
- Led **secure VOIP system integration**, enabling real-time telehealth communication.

Cloud Engineer Mangalore, India | Dec 2021 – Jan 2023
Niveus Solutions
- Built and maintained **secure banking APIs** for **ICICI iMobile UK**.
- Implemented **Aadhaar authentication and security models**, improving fraud prevention and data privacy.
- Led **production deployments** while ensuring compliance with banking and security regulations.

Software Engineer Chh. Sambhajinagar, India
Erstellen Tech Dec 2019 – Dec 2021
- Developed backend services and **AWS-based infrastructure**, improving system uptime and scalability.
- Built hybrid mobile applications using **Angular and Ionic**.

Projects

Novo Apr 2025 – Present
Fintech
- Backend systems for **lending, transactions, and reconciliation** with strict reliability requirements.

Begin Daily 2023 – 2025
HealthCare Domain
- Designed a **real-time event store** for seamless data synchronization across distributed systems.
- Implemented **secure VOIP integration**, enhancing patient-provider communication.

MNV SaaS 2023 – 2024
HealthCare Domain
- Scalable platform integrating **Google APIs and EHR systems** for healthcare providers.
- Real-time data synchronization using **Kafka and event-driven architecture**.

Education

Computer Science and Engineering Chh. Sambhajinagar, India
DIEMS Jun 2016 – May 2020
7.6 CGPA

Languages

- English
- Hindi
- Marathi

Awards

Smart India Hackathon - Winner 2018
Government Of India

Smart India Hackathon - Finalists 2019
Government Of India

Interests

- Computer Gaming
- Bike Riding
- Bowling