GOPU CHANDRASENAN

Senior Java Backend Engineer | Spring Boot | Microservices

📍 New Jersey, United States | 📧 gopu.chandrasenan@gmail.com | ☎ +1-848-327-1018 | 🔗 linkedin.com/in/gopuchandrasenan

PROFESSIONAL SUMMARY

Senior Java Backend Engineer with 8.5+ years of experience designing and delivering scalable, high-performance backend platforms and microservices across Agriculture and FinTech domains. Expert in Java, Spring Boot, RESTful APIs, distributed systems, and cloud-native architectures. Strong background in system design, API gateways, Kafka-based data ingestion, AWS services, and database optimization. Patent holder with proven ownership and mentoring experience.

TECHNICAL SKILLS

- **Languages**: Java, SQL, PL/SQL, JavaScript
- **Frameworks**: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring Batch
- **Microservices**: REST, API Gateway, Service Orchestration, Kafka, Spring Cloud, Eureka
- **Databases**: PostgreSQL, MySQL, SQL Server, Elasticsearch
- **Cloud & DevOps**: AWS, Docker, CI/CD, Gradle, Maven
- **Testing & Tools**: JUnit, Mockito, SonarQube, Swagger, Git, GitLab, SVN
- **Operating Systems**: Windows, Linux
- **Methodologies**: Agile, Scrum
- **Architecture**: Microservices, Monolith-to-Microservices Migration, MVC

PROFESSIONAL EXPERIENCE

Senior Backend Developer | Envestnet Asset Management India Pvt. Ltd.

🗓 Sep 2021 – Jul 2023

- Designed and developed low-latency microservices using Spring Boot and Spring Cloud.
- Built near real-time data ingestion services using Apache Kafka.
- Worked extensively with Elasticsearch and Kibana for analytics and observability.
- Integrated AWS services including S3 and Airflow; leveraged Python scripts for scheduling.
- Managed GitLab branching strategies and release deployments across environments.
- Worked in an Agile (Scrum) environment following Test-Driven Development (TDD) and Behavior-Driven Development (BDD) practices.
- Mentored junior engineers through regular technical sessions.

Senior / Full Stack Developer | Tata Consultancy Services

ⓘ Feb 2015 – Sep 2021

- Architected and implemented large-scale microservices platforms using Spring Boot and Spring Cloud.
- Worked on high-volume server-side applications as part of an Argo-Digital platform, supporting large-scale data ingestion and processing.
- Designed and implemented backend services to handle concurrent requests and high throughput in an agricultural domain.
- Acquired a beginner-level understanding of the Angular framework through the implementation of proofs of concept (POCs).
- Designed enterprise-grade API Gateway and configurable orchestration layer.
- Led migration of legacy monolithic systems to microservices architecture.
- Implemented multi-tenancy, role-based security, and OAuth-based authentication.
- Designed and optimized PostgreSQL schemas and complex SQL queries.
- Worked with GeoServer for geospatial data-driven applications.

KEY ACHIEVEMENTS

- Patent holder for "Methods and Systems for Automated Identification of Agro-Climatic Zones", granted across multiple countries including the United States.
- Key contributor to architectural decisions that improved API performance and system scalability.
- Successfully led multiple monolith-to-microservices migration initiatives.

EDUCATION

🎓 Master of Computer Applications (MCA) – Mahatma Gandhi University (2014)

🎓 Bachelor of Science in Computer Science – Kerala University (2011)