Tejasvini Punjala

Email: tejasvinipunjala98@gmail.com
Mobile: +91-9553351166

🔗 **LinkedIn**
🔗 **LeetCode**
🔗 **GitHub**

Professional Summary

Senior Backend Engineer with **4+ years of experience in Java and Go**, specializing in scalable APIs, distributed systems, and **microservices architecture**.

Work Experience

- **Senior Software Engineering Analyst** — Hyderabad, Telangana
  Accenture - Uber Client — *07/2024 - Present*
  - **Led migration from Thrift to Protocol Buffers** for Java and Go microservices, reducing payload sizes by **upto 50%,** optimizing serialization efficiency, and improving inter-service communication speed.
  - Maintained and enhanced 4 major microservice API endpoints using **Go (GoLang), Java, SpringBoot, and YARPC,** leading to a 46% reduction in service latency, 49% increase in test coverage, and a 29% reduction in critical production bugs.
  - **Contributed to feature enhancements** such as automatic image validation in the Uber Rider & Driver Apps, improving FAQ support flows and driving a **30% increase** in user engagement and a **25% reduction in support ticket resolution time.**
  - Deployed **CI/CD pipelines in Jenkins**, reducing code integration time by 25% and significantly boosting development team productivity.

- **Software Engineer** — Hyderabad, Telangana
  Accenture - Uber Client — *07/2023 - Present*
  - Enhanced self-service Help flows for the **Uber Rider and Driver apps** (5M users) by developing robust **RESTful and gRPC** endpoints, implementing audio recording features, and optimizing media upload functionality.
  - Utilized **Kafka for messaging** and **DynamoDB for querying,** optimizing data flow and retrieval, which led to a 35% improvement in data retrieval speed.
  - Set up Grafana dashboards for real-time system monitoring, reducing downtimes by 43% through proactive issue detection and resolution.
  - Applied **BDD with GoMock and JUnit**, increasing **test coverage by 26%** and reducing **defect identification time by 33%.**

- **Software Engineering Analyst** — Hyderabad, Telangana
  Accenture - AT&T Client — *11/2020 - 05/2022*
  - **Designed REST API endpoints** using **Java, Spring MVC, and Spring Boot,** and wrote optimized **SQL** queries. Leveraged **Swagger** for API documentation and service monitoring.
  - Created **automation scripts using Katalon Studio**, along with **JUnit and TestNG**, resulting in a 70% reduction in manual testing time. Addressed production issues and improved debugging processes using **Kibana, Grafana, and ELK stack,** leading to a **30% reduction in issue resolution time** .

Technical Skills

Java, GoLang, Spring MVC, Spring Boot, Hibernate, Gin, MySQL, MongoDB, OracleSQL, DynamoDB, Redis, Microservices, REST API, gRPC, Docker, Kubernetes, Jenkins, Git, GitLab, SourceGraph, Kibana, Grafana, ELK Stack, Prometheus, Kafka, AWS, TerraBlob

Education

- **G.Narayanamma Institute of Technology and Science** — Hyderabad
  Bachelor of Technology, CSE; GPA: 7.3 — *Aug. 2016 – Oct. 2020*