PRANAV SRIVATHSA S

📍 Bangalore, Karnataka   •   📞 +91 8884410674   •   💬 pranav.medium@gmail.com

in linkedin.com/in/pranav-srivathsa   •   github.com/Pranav-Srivathsa-S   •   🌐 builtbypranav.com

Summary

Backend Developer passionate about building resilient, high-performance distributed systems. Proficient in designing and implementing event-driven microservices using **Java**, **Spring Boot**, and **Kafka**. Skilled in performance optimization and developing efficient, **scalable API** and database solutions.

Technical Skills

Languages: Java, Go, SQL, Python
Frameworks/Libraries: Spring Boot, Hibernate, JPA,Django
Databases: MySQL, MongoDB,Redis
Platforms & Big Data:Kafka, Elasticsearch, AWS (EC2, S3), Docker, CI/CD, Git

Experience

Scalable Microservices-based E-commerce Platform   March 2024 – Present
Self-Directed Project

- Developed a distributed e-commerce platform from the ground up using **Java** and **Spring Boot**, building and deploying core services for Users, Products, and Orders.
- Implemented a high-performance search feature with sub-second query times by integrating **Elasticsearch**, and utilized **MySQL** and **MongoDB** for reliable transaction processing and flexible document storage.
- Built an event-driven notification system using **Apache Kafka** to ensure reliable order confirmation delivery and decouple critical services..
- Optimized API endpoints to handle **1,000+ requests per second** with **¡50ms latency** by implementing a **Redis** caching layer and managing traffic with a **Kong API** Gateway.

Machine Learning Intern   August 2023 - November 2023
Piatrika Biosystems Private Limited   *Hyderabad/Remote*

- Developed a machine learning model to predict plant phenotypes from **200K+** genotypic records, achieving **75-78%** prediction accuracy. .
- Automated a data preprocessing pipeline for over **500K** records, boosting backend processing efficiency by **25%**. .
- Built and containerized a **Django REST API** using **Docker** to serve the ML models, deploying the full-stack application to **AWS** (Production) and **Digital Ocean** (Staging).

Coursework

Boot.dev   Remote
Backend Development   *2024-2025*

- Relevant Coursework: Linux, Git, CI/CD, HTTP servers, Docker, Kubernetes, Building a web crawler in GO

Education

Jain University   Bangalore
Bachelor of Technology in Computer Science   *2023*

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering