

SUJAY SHARVESH

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SUMMARY

Motivated Backend Developer with experience in building scalable microservices using Spring Boot, Redis, and PostgreSQL. Skilled in Docker-based deployment on AWS and familiar with React/Next.js.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, Go

Frameworks & Tech: Spring Boot, React.js, Next.js, Express.js, RESTful APIs, gRPC, GraphQL, WebSockets

Databases & Caching: MySQL, PostgreSQL, MongoDB, Redis

Tools & DevOps: Docker, RabbitMQ, Git, GitHub Actions CI/CD, AWS (EC2, S3), Render, Postman

Soft Skills: Collaboration, Problem-Solving, Resilience, Attention to Detail

EXPERIENCE

Backend Developer Intern | Aaytham Consulting (AyC)

Jul 2025 – Oct 2025

- Developed and delivered **15+ RESTful APIs**, and contributed to **5+ gRPC services using Spring Boot**, ensuring secure and efficient backend communication.
- Worked on integrating **RabbitMQ with gRPC services**, cutting latency from 200ms to 50ms and improving asynchronous communication between microservices.
- Contributed to DevOps workflows by **containerizing Spring Boot services with Docker** for local development and testing, ensuring consistency across environments and smoother collaboration.

PROJECTS

DocFlow | Java, Spring Boot, WebSocket, Redis Pub/Sub, RabbitMQ, OAuth2, Docker, EC2

GitHub

- Designed a real-time collaborative editing system using **Tiptap** and **Yjs** within a **microservices architecture**, enabling synchronous editing across users.
- Facilitated synchronous editing through **WebSocket** channels while leveraging **Redis Pub/Sub** to coordinate live sessions across microservices.
- Backend services are containerized with **Docker**, routed via **Nginx** and **Spring Cloud Gateway**, and deployed on **AWS EC2**.

VibeStream | Java, Spring Boot, WebClient, PostgreSQL, Redis, OAuth2, Docker, S3, EC2

Live

- Built and launched a **microservices-driven** music streaming service, enabling users to store and manage personal playlists on the cloud with metadata in **PostgreSQL** and audio files in **AWS S3**.
- Implemented **OAuth 2.0** authentication leveraging **Redis** as a distributed token store to manage sessions across services, reducing authentication latency by **40%**.
- Containerized all microservices using **Docker** and deployed the architecture on **AWS EC2** via **Docker Compose**, enabling seamless scaling and consistent environments.

PharmaTrack | Java, Spring Boot, PostgreSQL, AWS S3, SVM

GitHub

- Built a secure drug research file management system using **AES-256** encryption and **AWS S3** for storage, ensuring only authorized users can access sensitive data, with metadata (author, drug class) stored in **PostgreSQL**.
- Developed and trained an SVM model (**Python/scikit-learn**) to automatically classify drugs with **92% accuracy**.

EDUCATION

Bharath Institute of Higher Education and Research — CGPA: 7.8/10

Chennai, TN

B.Tech – Computer Science and Engineering with AI (In Association with IBM)

2021 – 2025