

SUSHANT S MUTTA

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Education

Siddaganga Inst. of Technology (BE, CSE AI & ML)
CGPA: 8.60

November 2022 - 2026
Tumkuru, Karnataka

Technical Skills

Languages: Java, Python
Web: Spring Boot, React.js, Express.js, HTML, CSS
Databases: MySQL, MongoDB
Operating Systems: Linux, Windows
Cloud / DevOps: Docker, Jenkins, AWS, Kubernetes
Monitoring Tools: Prometheus, Grafana
Concepts: OOP, OS, CN, DBMS, DSA

Experience

- **Intern – Cyphertek Solutions**
Contributed to web application development using Spring Boot, Express.js, and React.js.
Assisted in backend API integration and frontend feature implementation for scalable solutions.
- **Moderator – India's Largest NBA Discord Community**
Managed 5,000+ members, automated moderation bots, and improved engagement through structured events and analytics.
- **Event Organizer – Football Turf Leagues, Bangalore**
Coordinated multiple 5v5 and 7v7 football tournaments, handling logistics, sponsorships, and player management.

Projects

Invoice Generator – Full-Stack Invoicing Application 🔄 — React.js, Java, Spring Boot, Spring MVC, Spring Security, Spring Data JPA, MongoDB, HTML, CSS

- Developed a full-stack web application to create, manage, and download professional invoices.
- Built RESTful APIs using Spring Boot and Spring Data JPA to handle invoice data and customer information.
- Used MongoDB as a persistent data store with optimized schema design for invoice and client management.
- Designed a responsive and interactive front-end with React.js using hooks and functional components.
- Implemented features including invoice generation, PDF download, client CRUD operations, and total calculations.

F1 Insight Engine – AI Race Insights 🔄 — FastAPI, LangChain, FastF1, React.js, ChromaDB, Python

- Automated ingestion of F1 session data (race, qualifying, telemetry) using FastF1.
- Built LangChain-powered QA, chart generation, and race strategy analysis APIs.
- Implemented tire wear prediction with modular ML model integration.
- Designed React.js frontend for visualizing telemetry insights and integrated ChromaDB for RAG search.

Spendsyze – AI-Powered Personal Finance Manager 🔄 [Live Site](#) — React.js, Express.js, Gemini AI, JWT, MongoDB

- Built secure JWT-based authentication with full CRUD for income/expense tracking.
- Designed interactive dashboard with charts for income vs. expense and category distribution.
- Integrated Gemini AI for bill scanning, financial summaries, and conversational queries.
- Added budget alerts, responsive UI, and dark mode for modern user experience.

Other Projects

- **Ticket Booking Platform** – Microservices Architecture (Flyway, Kafka, API Gateway, Eureka, Docker, AWS)
- **Chat Application** – Spring Boot, React.js, WebSockets, StompJS

Certifications

- Completed an 8-week DSA Live Training Program by GeeksforGeeks, led by founder Mr. Sandeep Jain.
- CISCO CCNA