

# Syed Mohammed Shadaab

Associate Software Engineer

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## Profile

Java Full Stack Developer with 1 year of experience working on building and maintaining real-world applications using Spring Boot, Angular, and MySQL. Strong understanding of RESTful API development, responsive UI, backend business logic and database management. Passionate about writing clean, maintainable and scalable code.

## Professional Experience

### Mphasis, Associate Software Engineer

12/2024 – Present | Bengaluru

- Developed full-stack modules using Spring Boot, Angular, and MySQL.
- Designed and implemented RESTful APIs with scalable backend business logic.
- Collaborated with team members to deliver features, fix bugs, and improve application performance.

### Rail Wheel Factory, Internship

04/2023 – 07/2023

- Developed a robust Web API using C#, ASP.NET MVC and MySQL enabling smooth data transfer between front-end applications and the backend database.
- Assisted in optimizing the database using SQL, ensuring data integrity and performance.

## Technical Skills

- Programming Languages:** Java, TypeScript
- Frontend Technologies:** Angular, Bootstrap, HTML5, CSS3
- Backend Technologies:** Spring Boot, Spring MVC, JPA, Hibernate
- Databases:** MySQL, MongoDB
- Tools & IDEs:** Git, Maven, Postman, Docker, Spring Tool Suite, IntelliJ IDEA, Visual Studio Code
- Deployment Platforms:** Vercel, Railway, Render

## Projects

### Palace Perfume E-Commerce, Full Stack Web Application ↗

#### Tech Stack:

- Frontend:** Angular, Bootstrap, HTML5, CSS3 (Deployed on Vercel)
- Backend:** Spring Boot, JPA, Docker (Deployed on Render)
- Database:** MySQL (Hosted on Railway)
- Tools & IDEs:** Git, Postman, Spring Tool Suite, Visual Studio Code

**Description:** Built and deployed a full-stack e-commerce web application for browsing and purchasing perfumes online. The application is live, showcasing end-to-end full-stack development and deployment skills.

#### Key Contributions:

- Developed scalable REST APIs using **Spring Boot**, **JPA**, and integrated **MySQL** for data persistence.
- Built a fully responsive UI using **Angular**, **Bootstrap**, **HTML5**, **CSS3**.
- Implemented secure **user authentication**, product catalog, shopping cart, and checkout workflows.
- Containerized and deployed backend services using **Docker** and **Render**, ensuring high availability.
- Hosted frontend on **Vercel** and database on **Railway** with environment-based configurations.
- Improved API and frontend performance, reducing page load time by **30%** through query and UI optimizations.

#### GitHub Repositories:

Frontend: [Frontend Link ↗](#)

Backend: [Backend Link ↗](#)

## RAG-Based Q&A Chatbot, Generative AI

**Tech Stack:** Streamlit, Python, pdfplumber, Presidio, FAISS, LangChain, OpenAI, RAGAS.

Built an interactive chatbot application using RAG (Retrieval-Augmented Generation) architecture. Enabled users to upload PDF files and ask context-based questions. Integrated anonymization features to ensure data privacy and accurate responses.

### Key Features:

- End-to-end development of the chatbot interface and backend pipeline.
- Integrated OpenAI and LangChain for question-answering capabilities.
- Focused on data privacy, usability, and system performance.

GitHub Link [↗](#)

## Education

**Presidency University,** *B.Tech in Information Science and Engineering*

2019 – 2023 | Bengaluru, KA

## Certificates

- ReactJs-S1
- Cloud Fundamentals
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Machine Learning Essentials