

Shammi Kumar

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Education

- **Bhagwan Parshuram Institute of technology** 2022-26
B.Tech (CSE)
9.07

Technical Skills

- Programming Language: Java , C++
- Databases: MySQL , PostgreSQL
- Frameworks : Spring Boot , MVC , React Native
- Web Technologies: HTML , CSS , Bootstrap
- Tools / Technologies: AWS , Git , Github
- Core Concepts: Object-oriented programming (OOP) , Operating System , Computer Networks , Data Structure and Algorithms
- Containers and CI/CD: Docker , Dockerhub , Github Actions , Gitlab

Projects

- **SmartReply AI** [Link](#)
 - **SmartReply AI**, a *chrome Extension* integrated with a **Java Spring boot** backend to generate one-click email responses using the **Gemini API**.
 - **Dockerized** the backend service and integrated a CI/CD pipeline with **Github Actions**, deploying the application to an **AWS EC2 instance**.
 - Leveraged chrome Extension and **Gemini AI** to deliver real time, **context-aware** reply suggestions.
- **Chat App** [Link](#)
 - Build a *full-stack* real time chat application using **Spring Boot**, **Bootstrap Web Sockets**, and **Thymeleaf** to enable seamless, bidirectional communication.
 - **Dockerized** the backend service and deployed it on **Render**, ensuring *reliable performance and easy scalability*.
 - Configured **SockJS** for *WebSocket fallback* and **STOMP** for structured messaging between client and server.
- **Medicos** [Link](#)
 - Developed a **React-Native** based **Android application** for homeopathy doctor, enabling users to book appointments.
 - Integrated **Firebase** for *real-time push notifications* and enhanced user engagement through health-related articles and updates.
 - Integrated smooth *UI/UX transitions* using **React Native Reanimated** library.

Achievements

- Participated in RTDS hackathon by AceCloud on DevOps, where our team successfully dockerized a MERN stack app and integrated CI/CD pipelines using Github Actions.
- Strengthened problem solving skills by solving several Data Structure and Algorithms problems on GFG, Leetcode etc.

Personality

Good Communication , Teamwork , Adaptability , Attention to detail.