Sandeep Pandey

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LinkedIn | GitHub | Portfolio

Professional Summary

Full Stack Developer with 3 years of experience specializing in React.js, Java Spring Boot, and PostgreSQL. Proven ability to build scalable, secure, and high-performance web applications with role-based access, real-time communication features, and admin/user control panels. Adept in Agile methodologies and DevOps tools including Git, Jenkins, and Docker. Strong focus on building intuitive user experiences and robust backend systems.

Technical Skills

Frontend: React.js, JavaScript, HTML5, CSS3, Material UI, Redux

Backend: Java 8+, Spring Boot, Spring Security, Hibernate, REST APIs

Database: PostgreSQL, MySQL

Tools & DevOps: Git, GitHub, Jenkins, Postman, Docker

Architecture: Microservices, MVC, JWT Auth

Professional Experience

Full Stack Developer

Coral Telecom Limited, Noida - Aug 2022 - Present

- Developed interactive UIs with React.js and Material UI, integrating with Spring Boot APIs.

- Worked on secure, scalable microservices with Spring Boot and PostgreSQL.

- Participated in Agile sprints, code reviews, and backend-frontend integration.

Projects

1. Gemini AI Chatbot (React + Gemini API)

- Built a chatbot UI using React and integrated Google Gemini Public API for Q&A.

- Created reusable components for dynamic responses and user interaction logging.

2. Hotel Management System (React, Spring Boot, PostgreSQL)

- Developed a dual-role system (Admin/User) to manage hotel operations.

- User Role: Check-in/out, view room status (clean/dirty), room call rights, CDR reports, alarm settings,

CRUD operations.

- Admin Role: Configure rooms, alarm defaults, room barring, minibar, feature codes, and all master settings.

3. Calendar-Based Conference Module (React, Spring Boot)

- Built a scheduling module with dual roles: Admin and User (Moderator/Participant).

- Users can create, join, or manage conferences (add/remove users, mute/unmute, block, switch audio/video

modes).

- Admin manages the calendar system and session configurations.

4. DRDO Training & Mission System (Spring Boot + React)

- Designed a mission-based training tool for internal DRDO simulations.

- Features: Add participants, mission chat, broadcast files, mute/unmute controls, and access management

by admin.

5. Unified Communication System (UC)

- Created softphone/hardphone features: contact list, favorites, missed calls, fax, chat, and CDR integration.

- Implemented real-time communication with role-specific interfaces and user controls.

6. Call Center Application

- Agent Side: Login, attend calls, submit forms, and track reports.

- Admin Panel: Create ACDs, agents, queues, disposition forms, and generate detailed call center reports.

Education

MCA - Master of Computer Applications

Dr. Ram Manohar Lohia Avadh University, Ayodhya - 2019-2021 - 70%

BCA - Bachelor of Computer Applications

K.S. Saket PG College, Ayodhya - 2016-2019 - 68%

Certifications

Java Full Stack Developer - Ducat India, Noida (Nov 2021 - May 2022)

Soft Skills

Problem Solving | Ownership | Communication | Team Collaboration