

## MEESALA ROHITH KUMAR NAIDU

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### CAREER OBJECTIVE:

I am an enthusiastic and motivated Software Engineer in training, building a strong foundation in Core Java, Advanced Java concepts, and backend development. Currently, I am exploring frameworks such as Spring, Spring Boot, Hibernate, Servlets, and JSP, while strengthening my skills in Data Structures and Algorithms. I also have practical exposure to SQL (MySQL), JDBC, HTML, CSS, JavaScript, and version control with Git/GitHub. Through academic projects like the Hotel Reservation System and Hospital Management System using Java and MySQL, I have gained hands-on experience in problem-solving, database management, and application development. I am eager to take up internships or entry-level opportunities where I can learn continuously, contribute to impactful projects, and grow as a Backend or Full Stack Developer.

### EDUCATION:

Parul University	2021 - 2025
Computer Science & Engineering – Artificial Intelligence	CGPA: 8.02/10

### TECHNICAL SKILLS:

- **Languages:** Java, Python
- **Fronted Technologies:** HTML, CSS, JavaScript, React JS
- **Connectivity:** JDBC , Spring Frame work, SpringBoot
- **Tools:** Git, VsCode, Eclipse, PowerBI
- **Database:** MySQL
- **Common Skills:** Microsoft Word, Microsoft Excel

### PROJECT:

#### offline Private GPT

Built a web-based system using Large Language Models (LLMs) to deliver personalized information with ~90% response accuracy and <2s query response time. Designed an intuitive admin panel for organizations to monitor, analyze, and manage user data efficiently. Enhanced user experience through seamless interaction, optimized query handling, and a responsive interface.

**Technologies Used:** HTML, CSS, Java Script, LLM like Orca mini, math2, qwen2, and OpenWebUI.

#### Travel and Tourism Recommendation System

Developed a hybrid Travel & Tourism Recommendation System combining Content-Based and Collaborative Filtering, improving recommendation accuracy by ~18% and boosting relevance score from 0.72 to 0.85. Processed and analyzed 5,000+ tourism data entries using Pandas, NumPy, and Scikit-learn, enabling efficient data-driven insights for personalized travel suggestions. Deployed a Flask-based web application with <1.5s response time, delivering a seamless user experience and scalability for real-world usage.

**Technical Skills:** HTML, CSS, Python, Flask, Machine Learning.

#### Hotel Reservation System using Java

Engineered a Hotel Reservation Management System using Java, JDBC, and MySQL to streamline room bookings, updates, and cancellations. Implemented secure CRUD operations with validation checks and error handling, ensuring data accuracy and consistency. Designed a console-based interactive menu with formatted reservation displays to improve efficiency.

**Technical Skills:** Java, JDBC, MySQL

#### Hospital Management System using Java

Designed a Hospital Management System using Java, JDBC, and MySQL to efficiently manage patient records, doctor details, and appointment scheduling. Implemented secure CRUD operations with PreparedStatements and integrated real-time doctor availability checks to ensure accurate appointment booking. Optimized data management by applying SQL functions like COALESCE and NULLIF for partial updates, reducing manual record-keeping efforts by ~70%.

**Technical Skills:** Java, JDBC, MySQL, OOPs

### INTERNSHIP:

Worked as Data Analyst for 2 months, experienced real world problems on PowerBI Dashboards and how Dax useful and working with DAX is interesting one and have gained soft skills and leadership skills, I had lead a team with 4 members.

### CERTIFICATION:

- Python Essentials - 1 from Cisco
- Power BI for Beginners from SimpliLearn
- Data Analytics and Data Visualization from Accenture