

Pati Sarath

+91 9701133421 | Vishakapatnam, India | patisarath2005@gmail.com

[LINKEDIN](#) | [LEETCODE](#) | [GeeksForGeeks](#) | [GitHub](#)

EDUCATION

Bachelor of Computer Science and Engineering, Nadimpalli Satyanarayana Raju Institute of Technology, 8.1 CGPA 2022- 2026

SKILLS

Programming Languages: Java (Proficient), C, C++, JavaScript and Python (Intermediate)

Database and Language: Experience in Mongo DB, MySQL, SQL (Intermediate)

Frameworks: working experience in React JS, Node JS, Bootstrap

Version Control Tools and IDE: Git, GitHub, Visual Studio Code

Course Work: Database and management system, Object-Oriented Programming, Software Development
Computer Networks, Operation Systems, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

Work EXPERIENCE

Frontend Developer [Demy Software Solutions](#)

June 2024 – July 2024, *Pendurthi, India*

- Developed and optimized dynamic front-end components using JavaScript and React.
- Collaborated with the design team to improve user interface consistency and accessibility.
- Reduced page load time by 10% through efficient state management and lazy loading.
- Ensured mobile responsiveness using CSS Flexbox and Grid for a seamless user experience.

AI/ML Intern [Edu Skills by Google Developers](#)

July 2025 – Sept 2025, *India*

- Gained hands-on experience in Artificial Intelligence and Machine Learning concepts.
- Worked on data preprocessing, feature engineering, and model building using Python.
- Developed and tested predictive models with scikit-learn and TensorFlow.
- Strengthened understanding of algorithms, analytical problem-solving, and SDLC practices.

PROJECTS

E-book Management System - [GitHub](#)

- Developed a platform where users can upload, browse, and manage e-books, facilitating easy access to a diverse library of digital content.
- Implemented secure user authentication and role-based access using Spring Security to ensure that only authorized users can upload, download, or modify e-books.
- Designed and optimized a MySQL database to handle e-book metadata, user data, and transactional records efficiently, ensuring fast search and retrieval.
- **Tech stack used:** React.js, Spring Boot, REST API, MySQL.

Chat Bot AI- [GitHub](#)

- Developed an intelligent AI-powered chatbot platform that assists users in resolving queries, automating responses, and improving customer support efficiency.
- Used AI with RAG (Retrieval-Augmented Generation) to give accurate answers from stored documents and previous tickets.
- **Created the backend using FastAPI** and added real-time chat using WebSockets for smooth communication.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- 1st Prize Winner at Coding Competition, Nadimpalli Satyanarayana Raju Institute of Technology.
- Mastered data structures and algorithms by solving 250+ problems on Leet Code, strengthening analytical skills.
- Certified in Machine Learning (IIT Madras, NPTEL) and Constitution of India (IIT Madras, NPTEL).
- Built and deployed full-stack applications with Java, Spring Boot, React.js, and MySQL.