

Rakesh Bethu

Hyderabad, India | +91 76718 12108 | rakeshbethu2121@gmail.com | LinkedIn | Github

Summary

Results-driven Software Developer with strong foundations in **Data Structures, Algorithms, OOPS, and DBMS**. Experienced in **Full Stack Development using MERN Stack** with expertise in Backend Development, REST API design, and scalable system implementation. Proficient in Java and JavaScript with hands-on experience in SQL and NoSQL databases. Strong communicator with excellent problem-solving and teamwork abilities.

Technical Skills

Programming: Java, JavaScript, C

Frontend Development: React.js, HTML5, CSS3, Bootstrap

Backend Development: Node.js, Express.js, RESTful APIs

Databases: MongoDB (NoSQL), MySQL (SQL)

Core CS: Data Structures, Algorithms, OOPS, DBMS, Basic System Design

Tools: Git, GitHub, Docker (Basic), Postman, VS Code, Eclipse

Soft Skills

Problem Solving | Analytical Thinking | Team Collaboration | Time Management | Adaptability | Leadership | Quick Learner

Projects

Telehealth System for Rural & Remote Areas 2025

React.js, Node.js, Express.js, MongoDB

- Developed a full-stack MERN application enabling remote patient-doctor consultations.
- Designed secure REST APIs for authentication and appointment scheduling.
- Engineered optimized MongoDB schemas and CRUD operations, improving data efficiency by 25%.
- Integrated frontend and backend modules ensuring scalable system architecture.

AI-Based Voice Assistant for Banking System 2026

HTML, CSS, JavaScript, React, Python

- Developed a voice-enabled banking assistant to help users perform banking queries using voice commands.
- Built a responsive frontend using HTML, CSS, JavaScript, and React. Implemented backend services in Python for processing voice input and handling user requests.
- Integrated speech-to-text and text-to-speech to enable voice interaction. Designed to improve accessibility for users with limited technical knowledge.

Internship Experience

Full Stack Development Intern – Eduskills Foundation Jun 2024 – Aug 2024

- Developed backend RESTful APIs using Node.js and Express.js.
- Integrated APIs with React.js frontend components improving data flow.
- Designed scalable database schemas using MongoDB and MySQL.
- Performed API testing and debugging using Postman to ensure reliability.

Education

B.Tech in Computer Science & Engineering 2023 – 2027

Sreenidhi Institute of Science and Technology (SNIST), Hyderabad

CGPA: 9.2 / 10

Intermediate (MPC) 2021 – 2023

Govt. Residential College, Hyderabad – 987 / 1000

SSC 2020 – 2021

Govt. Residential High School, Telangana – CGPA: 10 / 10

Leadership & Activities

- Member, SDC Club (SNIST) – Mentored peers in Programming and Data Structures.
- Conducted peer tutoring sessions focused on Algorithms and Problem Solving.