

# Rakesh Bethu

Hyderabad, India

Phone: +91 76718 12108 — [rakeshbethu@gmail.com](mailto:rakeshbethu@gmail.com) — [linkedin.com/in/bethu-rakesh](https://linkedin.com/in/bethu-rakesh) — [github.com/rakeshbethu2102](https://github.com/rakeshbethu2102)

## Summary

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Entry-level Software Developer with strong fundamentals in Java, Data Structures and Algorithms (DSA), and Object-Oriented Programming. Hands-on experience developing MERN stack applications using Node.js, Express.js, MongoDB, React.js, and RESTful APIs. Seeking a software development role to contribute to scalable backend systems.

## Skills

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**Programming:** Java, JavaScript, C

**Core CS:** Data Structures and Algorithms, OOP, Problem Solving, Basic System Design

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

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

**Databases:** MongoDB, MySQL

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

## Projects

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### Telehealth System for Rural & Remote Areas

2024

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

- Developed a full-stack MERN application enabling remote patient-doctor consultations.
- Designed RESTful APIs using Node.js and Express.js for authentication and appointments.
- Integrated MongoDB to perform CRUD operations and manage application data.

### DSA Visualizer

2023

*JavaScript, HTML, CSS*

- Built an interactive visualization tool for data structures and algorithms.
- Implemented step-by-step animations for sorting, searching, and recursion.

## Internship Experience

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### Full Stack Development Intern, Eduskills Foundation

Jun 2024 – Aug 2024

- Developed backend REST APIs and integrated them with React frontend components.
- Worked with MongoDB and MySQL to design schemas and implement CRUD operations.

## Education

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### B.Tech in Computer Science & Engineering, SNIST, Hyderabad

2023 – 2027

CGPA: 9.2 / 10

### Intermediate (MPC), Govt. Residential College, Hyderabad

2021 – 2023

Marks: 987 / 1000

### SSC, Govt. Residential High School, Telangana

2020 – 2021

CGPA: 10 / 10

## Activities

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Member, SDC Club (SNIST) — Peer tutor for Programming and Data Structures & Algorithms