

Rakesh Bethu

B.Tech CSE — Full-Stack Web Developer (Java) · DSA Enthusiast

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Career Objective

To secure an entry-level software engineering position in a dynamic and innovative organization where I can apply my full-stack development skills in Java and modern web technologies, contribute to impactful products (especially in social/health domains) and continue learning professionally.

Education

- 2023–2027 **B.Tech in Computer Science & Engineering**, Sreenidhi Institute of Science & Technology (SNIST), Hyderabad, **CGPA:** 9.2/10
- 2021–2023 **Intermediate (MPC)**, Government Residential College, Hyderabad, **Marks:** 987/1000
- 2020–2021 **Secondary School Certificate**, Government Residential High School, Deshmukhi, Telangana, **CGPA:** 10/10

Technical Skills

- Programming **Java**, C, JavaScript
- Frontend React.js, HTML5, CSS3, Bootstrap, Tailwind (familiar)
- Backend Spring Boot (Java), REST APIs, Firebase
- Databases MySQL
- Tools VS Code, Eclipse, Git & GitHub, Docker (basic)
- Core Data Structures & Algorithms, OOP, System Design (basic)

Projects

- 2024 **Telehealth System for Rural & Remote Areas**, Full-Stack Web Application
- Designed and developed a telehealth platform to connect rural patients with healthcare professionals.
 - Frontend: Responsive UI using **React**, Bootstrap, and accessible components for low-bandwidth users.
 - Backend: RESTful APIs built with **Spring Boot** (Java) and authentication via **Firebase**.
 - Features: secure login/registration, appointment booking, basic chat/consultation flow, and record management.
 - Focus: usability in low-resource settings (simple UI, small payloads, offline-friendly considerations).
- 2023 **DSA Visualizer**, Interactive educational web app
- Interactive visualizer to demonstrate algorithms and data structures step-by-step.
 - Built with Vanilla JavaScript and Canvas API; used for teaching peers and improving algorithm intuition.

Internship Experience

Jun 2024 – **Full Stack Development Intern, Eduskills Foundation**

- Aug 2024
 - Hands-on internship in full-stack development with emphasis on Java backends and React frontends.
 - Implemented API endpoints, integrated frontend pages, and worked with MySQL for persistence.
 - Delivered a mini-project combining Java (Spring) backend + React UI; improved API performance and reliability.

Soft Skills

Time Management • Team Collaboration • Problem Solving • Presentation • Adaptability

Extracurricular Activities

Member, SDC Club (SNIST)

Member, Sports Club (SNIST)

Peer tutor for programming fundamentals and data structures

Hobbies

Home tutoring • Listening to music • Playing badminton

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.