

RAKESH BOYIRI

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[LinkedIn](#)

[GitHub](#)

[GeeksforGeeks](#)

[LeetCode](#)

• Career Objective

Driven and detail-oriented Computer Science Engineering student with a strong foundation in Python, fullstack development, and Data Structures & Algorithms (DSA). Experienced in building scalable web applications and designing user-centric interfaces using modern technologies. Skilled in solving complex problems and delivering efficient, maintainable solutions. Eager to contribute to innovative projects and grow in software engineering and web development.

• Projects

• Online Scholarship management System [Git Link](#)

Designed and developed a full-stack scholarship management web application using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling streamlined application processing and efficient data handling.

• AI – Virtual Interview System [Live Link](#)

Built an AI-driven mock interview system that generates dynamic questions from job descriptions and analyzes voice-based answers using Google Gemini AI.

Implemented speech-to-text conversion, real-time feedback, and performance rating to simulate realistic interview experiences with personalized insights.

• School Management System [Git Link](#)

Built a full-stack web application to streamline school operations, including student management and administrative tasks, using React.js, Node.js, Express.js, MongoDB, and JavaScript. Implemented features like real-time data updates, secure authentication, and role-based access control to enhance usability and data integrity.

• My Portfolio [Live Link](#)

Developed a personal portfolio website using Next.js to Showcase projects, technical skills, and professional experience with a clean, responsive UI. Integrated smooth navigation and dynamic project rendering to improve user experience and maintainability.

• Experience/Position of Responsibility

Fullstack Developer Intern – Phamagen.ai

Mar 2025 – Jul 2025 (Remote)

- Developed and enhanced a complex Angular application for drug data synchronization, integrating dynamic tables with PrimeNG components (p-calendar, p-chips, p-multiselect).
- Implemented client and drug selection workflows with real-time filtering, date validation, and data pre-processing using REST APIs.
- Designed and developed dynamic, responsive product pages for AutoLit and associated PV tools using React, TypeScript, and Tailwind CSS, improving user engagement and readability.

• Education

• Rajiv Gandhi University of Knowledge and Technologies Basar B.Tech . in Computer Science and Engineering
CGPA: 8.96/10.0 (5th Sem)

• Rajiv Gandhi University of Knowledge and Technologies – Basar Pre-University Course
CGPA: 8.6/10.0

• Zilla Parishad Secondary School bheemaram
GPA: 10.0/10.0

• Skills

- **Programming Languages:** Python, C/C++ , Java, JavaScript, HTML, CSS .
- **Frameworks/Libraries:** React.js, Numpy, Pandas, Matplotlib .
- **Databases:** MySQL
- **Tools/Platforms:** Git, GitHub, VS Code .

• Coursework

- Algorithms and Data Structures
- Design and Analysis of Algorithms
- Database and Management Systems
- Object-Oriented Programming and Management Systems

• Additional Information

- Languages: English, Telugu
- Volunteer Experience: Organized coding competitions to enhance juniors' coding skills
- Competitive Programming: Solved 400+ Problems on, GeeksforGeeks, LeetCode