

BANGARU SANJAY

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SUMMARY

Aspiring MERN Stack Developer with strong knowledge of React.js, Node.js, and MongoDB. Built personal and academic projects using the full stack with a focus on responsive design, secure authentication, and performance. Passionate about learning, collaborating, and building scalable web applications.

PROJECTS

User Management Dashboard – React CRUD App (Personal Project)

Mar 2025

- Built a responsive dashboard using React.js and Redux Toolkit with full CRUD integration via the Reqres API.
- Designed an animated search bar & dynamic pagination for smooth navigation and enhanced UX.
- Optimized global state management, reducing boilerplate and improving maintainability.
- Improved data handling performance by 30% through UI and state flow enhancements.
- GitHub: <https://github.com/SanjuSanjaytech/req-Auth>

User Authentication App (Personal Project)

Feb 2025

React | Node.js | Express | MongoDB

- Developed a secure MERN authentication system using JWT and bcrypt, enhancing login security by 30%.
- Enabled protected routes and persistent login state with Redux, improving session experience.
- Designed a mobile-friendly UI with React and Tailwind CSS, boosting usability by 40%.
- Engineered RESTful APIs for user registration, login, and profile management with robust error handling and bcrypt-based password encryption.
- GitHub: <https://github.com/SanjuSanjaytech/MERN-Authentication>
- Live Demo: <https://mern-authentication-at5b.onrender.com/home>

Text to Sign Language Conversion (Academic Project)

Jan 2024 - May 2024

- Developed a web-based solution to convert text into animated sign language for better accessibility.
 - Built using HTML, CSS, JavaScript, and Bootstrap with a responsive, device-friendly layout.
 - Aimed to support the hearing-impaired community through intuitive visual communication.
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EDUCATION

Bachelor's Degree in Computer Science and Engineering

Jul 2021 - Jun 2024

- KLR College Of Engineering and Technology

Diploma in Mechanical Engineering

Jun 2018 - May 2021

- KLR College Of Engineering and Technology
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TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, Redux, Bootstrap, Tailwind CSS, React Native (Learning)
 - **Backend:** Node.js, Express.js
 - **Database:** MongoDB, MySQL
 - **Programming Languages:** JavaScript, Python,
 - **Development Tools:** Git, GitHub, Version Control, Insomnia, VS Code, CI/CD
 - **Cloud Platforms:** AWS (Beginner Level / Learning)
 - **Soft Skills:** Problem-solving, Analytical Thinking, Communication, Team Collaboration
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ACHIEVEMENTS & CERTIFICATIONS

- Certified in Cybersecurity (2024)
- Certified in Ethical Hacking (2024)