

# BANGARU SANJAY

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## SUMMARY

Enthusiastic and results-driven Web Developer skilled in the MERN stack (React.js, Node.js, Express.js, MongoDB) with a passion for building scalable and interactive web applications. Strong foundation in designing user-friendly interfaces, optimizing API performance, and improving accessibility. A quick learner with problem-solving abilities, eager to apply knowledge in real-world projects and contribute effectively to dynamic teams.

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## PROJECTS

### MERN Stack Authentication App

React | Node.js | Express | MongoDB

- Developed a secure full-stack authentication system using JWT, improving login efficiency and security by 30% through token-based authentication and encrypted sessions.
- Implemented protected routes and persistent login state, resulting in a 25% better user experience across sessions.
- Designed a fully responsive and intuitive frontend using React and Tailwind CSS, enhancing mobile usability by 40% based on testing across devices.
- Engineered RESTful APIs for user registration, login, and profile management with robust error handling and bcrypt-based password encryption.
- Streamlined backend performance by optimizing API response times by 20% through clean architecture and middleware.
- GitHub Repo: <https://github.com/SanjuSanjaytech/MERN-Authentication>
- Live Demo: <https://mern-authentication-at5b.onrender.com/home>

### Text to Sign Language Conversion

HTML | CSS | JavaScript | Bootstrap (Frontend Role)

- Developed an interactive frontend that translates text into animated sign language visuals.
- Focused on accessibility for the hearing impaired through a visually intuitive interface.
- Designed a responsive layout for various screen sizes using Bootstrap.

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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, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, SQL
- **Languages:** JavaScript, Python
- **Tools & Platforms:** Git, GitHub, Insomnia, VS Code
- **Others:** REST APIs, JWT, bcrypt, Responsive Design
- **Soft Skills:** Problem-solving, Analytical Thinking, Communication, Team Collaboration

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## INTERESTS

- Web Development and Frontend Design.
- Learning and Adapting to New Web Technologies.
- Building Scalable and Interactive Web Applications.
- Problem-Solving and Logical Reasoning.
- Exploring AI in Accessibility.