BANGARU SANJAY

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SUMMARY

Aspiring MERN Stack Developer | Frontend 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, REST APIs, and performance optimization. Passionate about learning, collaborating, and building scalable web applications using Agile methodologies.

TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, Next.js, Redux, Bootstrap, Tailwind CSS,
- **Backend:** Node.js, Express.js, REST API, Python
- **Database:** MongoDB, MySQL, PostgreSQL
- **Programming Languages:** JavaScript, Python, PySpark
- **Development Tools:** Git, GitHub, Insomnia, VS Code, CI/CD
- **Cloud Platforms:** AWS
- **Methodologies:** Agile, Scrum
- **Soft Skills:** Problem-solving, Analytical Thinking, Communication, Team Collaboration

PROJECTS

Task Management System (Full Stack Project)

React | Next.js | Redux | Node.js | Express | MongoDB | Tailwind CSS

Developed a full-stack task management web application enabling users to create, assign, and track tasks with user authentication.

- Increased user task handling efficiency by 45% through optimized assignment flows and dashboard design.
- Boosted session security by 35% using JWT-based authentication and Redux-protected routes.
- Enhanced user onboarding experience by 50% with an introductory interface guiding first-time users.
- Improved UI responsiveness and engagement by 40% using Tailwind CSS and Framer Motion animations.
- Built dynamic dashboards for users to manage tasks, assignments, and progress.
- GitHub: https://github.com/SanjuSanjaytech/Task-Management-System
- Live Demo: https://task-management-system-puce-psi.vercel.app/login

User Authentication App (Personal Project)

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.
- Integrated form validation with client and server-side checks, reducing invalid submissions by 25%.
- GitHub: https://github.com/SanjuSanjaytech/MERN-Authentication
- Live Demo: https://mern-authentication-at5b.onrender.com/home

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

ACHIEVEMENTS & CERTIFICATIONS

- **Certified in Cyber Security with Ethical Hacking (RINEX | 2024) | Link**
- Covered tools: Wireshark, Nmap, Burp Suite, Metasploit