BALAKRISNA SANI

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Summary

Full Stack Developer with 3 years of experience building web and blockchain applications. Expert in MERN stack with production-level experience in React, Node.js and modern JavaScript frameworks. Proven track record of optimizing application performance, implementing secure authentication systems, and delivering scalable projects from concept to deployment.

Experience

Ariveguru   **April 2024 – Present**
Full Stack Developer   *Bangalore*

- Engineered backend architecture for the Univo Oneverse clinical trials application, implementing RESTful APIs while ensuring HIPAA compliance and data security
- Developed a proof of concept for a OneDrive file management system, focusing on intuitive user interfaces and streamlined file operations
- Implemented CI/CD pipelines using GitHub Actions, improving deployment efficiency and ensuring code quality through automated testing
- Conducted research on decentralized auditing using blockchain technology, contributing to the development of secure and transparent auditing solutions

Spacescan.io   **May 2022 – February 2024**
Full Stack Developer   *Remote*

- Developed and maintained responsive frontend components and pages using Next.js and TypeScript, improving page load performance through code splitting and lazy loading
- Designed and implemented RESTful APIs with Node.js and TypeScript, optimizing database queries for improved response times
- Engineered a secure authentication system for connecting to web3 wallets (WalletConnect) with Web3 signature verification
- Collaborated in an Agile team, participating in daily standups, sprint planning, and code reviews to maintain high quality standards

Projects

Health Mudraa | *React, Node.js, Express.js, MongoDB*   **Aug - Nov 2023**

- Built a HIPAA-compliant healthcare platform with features for appointment scheduling, medical records management, and telemedicine capabilities
- Implemented MongoDB optimization strategies and Redis caching to improve database performance and reduce page load times
- Developed responsive frontend interfaces using React and Material-UI, implementing lazy loading and code splitting techniques for better user experience

Education

Lovely Professional University   **Aug 2018 – Aug 2022**
Bachelor of Technology in Electronics and Communication   *Phagwara, Punjab*

Technical Skills

Frontend: Angular.js,React.js, Next.js, TypeScript, Redux, Material UI, Tailwind CSS, React Native
Backend: Node.js, Express.js, REST APIs, GraphQL, tRPC,Socket.IO, Microservices, JWT
Databases: MongoDB, PostgreSQL, Redis, Firebase, SQL/NoSQL Design
DevOps & Tools: Git, GitHub Actions, Docker, AWS, CI/CD, Linux
Blockchain: Solidity, Web3.js, Ethers.js, Smart Contracts, Hardhat
Languages: JavaScript, TypeScript, Python, Java ,C++, SQL

Languages

Hindi   **Telugu**   **Tamil**   **English**