KRUSHIK BAIRABOINA

Full-Stack Developer (MERN Stack)

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💼 PROFESSIONAL SUMMARY

I am a Full-Stack Developer with expertise in the MERN stack (MongoDB, Express, React, Node.js) and a strong track record of delivering user-centric web applications. Proficient in developing and optimizing both front-end and back-end solutions to improve performance, scalability, and accessibility. Adept at collaborating in fast-paced, agile startup environments to solve complex problems and adapt quickly to new technologies. Passionate about continuous learning and applying a growth mindset to drive team success and product quality.

🛠️ TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, C, C++
- **Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Redux
- **Databases:** MongoDB (NoSQL),SQL (e.g., MySQL, PostgreSQL)
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, REST APIs
- **Styling:** Material-UI, Ant Design, Bootstrap, Tailwind CSS

👨‍💻 PROFESSIONAL EXPERIENCE

Lego Verse Module Pvt. Ltd. – Full-Stack Developer (MERN)

📅 DEC 2023 – PRESENT

- Developed and integrated features for AI Avatara, an open-source AI chatbot platform, enhancing user interactions and accessibility for global audiences.
- Designed and prototyped intuitive UI/UX components for new AI-driven functionalities, improving overall user engagement and interface efficiency.
- Built and tested critical web application features across multiple platforms, ensuring seamless performance, high reliability, and consistent user experience.
- Debugged and optimized the codebase to maintain high-quality, performant software, leading to smoother, more reliable application behavior.
- Collaborated with cross-functional teams (designers, AI engineers, backend developers) to implement new features, boosting user engagement and platform accessibility.

Iolar Technologies Pvt.Ltd. – Frontend Developer

📅 DEC 2022 – NOV 2023

- Collaborated with senior developers to test and refine front-end application features, ensuring robust functionality and reliability of web services.
- Conducted user research and implemented UI/UX improvements based on findings, significantly enhancing user satisfaction and usability of the platform.
- Developed reusable React components and streamlined code architecture, promoting UI consistency and accelerating feature development across the application.
- Troubleshot and resolved technical issues, improving code stability and application performance through targeted fixes and optimizations.
- Adapted quickly to a fast-paced startup environment, continuously learning new technologies and best practices to contribute effectively to team goals.

🎓 EDUCATION

TKR College of Engineering & Technology,Hyderabad, India

Computer Science and Engineering (B.Tech) – CGPA: 7.2

💡 PROJECTS

Flipkart Clone – Full-Stack MERN Application

Developed a full-featured ecommerce platform using MongoDB, Express.js, React.js, and Node.js with three integrated websites for Buyer, Seller, and Delivery roles. Each portal was connected to a single MongoDB database to ensure real-time data consistency and centralized management. Implemented role-based authentication, secure routing, and user-specific dashboards for inventory management, order tracking, and product browsing. The application featured scalable architecture, responsive UI with Material UI , and smooth user experience across all devices.

Personal Portfolio Website

Built a responsive personal portfolio using Next.js to showcase technical skills, personal projects, and blogs. The site includes sections for About, Projects, Contact, and Resume, along with an integrated Blog section where I share insights on web development, MERN stack tutorials, and my learning journey. Designed with clean navigation and optimized performance for all screen sizes.

🎯 HOBBIES & INTERESTS

- 🪂 Paragliding and Travel
- 🎮 Gaming and Tech Exploration
- 📚 Learning about AI and Automation
- ✍️ Blogging and Content Creation