

BOOMESHWARA KS

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PROFESSIONAL SUMMARY

Full Stack Developer with 1+ years of hands-on experience building web applications using MERN stack and Django frameworks, demonstrated through production deployments and measurable performance improvements.

Enhanced system performance by 30% through database query optimization and achieved a 25% reduction in development turnaround through Revamped deployment processes.

Experience mentoring development teams, conducting code reviews, and maintaining coding standards across multiple production-level projects with quantifiable results in bug reduction and team productivity.

TECHNICAL SKILLS

Programming Languages: Python, Java

Frontend Technologies: React.js, Next.js, HTML5, CSS3, Bootstrap, JavaScript

Backend Technologies: Node.js, Django, Flask

Databases: MongoDB, MySQL, PostgreSQL

Development Tools: Git, GitHub, Docker, Streamlit

Deployment: GoDaddy, Hostinger, Domain Management

AI/ML Technologies: OpenCV, Natural Language Processing

Operating Systems: Windows, Linux

PROFESSIONAL EXPERIENCE

Null Class <i>MERN Stack Developer</i>	Mar 2024 – Jul 2024 <i>Krishnagiri, Tamil Nadu</i>	Altruisty <i>Full Stack Developer</i>	Oct 2024 – Present <i>Remote</i>
<ul style="list-style-type: none">Built React-based web applications with modular component architecture, reducing project delivery by 25% through Modernized build processes.Developed performance enhancements including code splitting and lazy loading, improving application load times by 35%.Enhanced MongoDB database queries and created indexing strategies, achieving 30% faster data retrieval across application modules.Mentored 5 junior developers through code reviews and technical guidance, increasing team productivity by 15% and reducing onboarding time.Established coding standards and review processes, resulting in 20% reduction in production bugs and improved code maintainability.		<ul style="list-style-type: none">Build and maintain production web applications using Django and React.js, serving 1000+ active users across charity and technology sectors.Built comprehensive client portal with user authentication, role-based access control, and third-party API integrations, improving client engagement by 40%.Engineered and deployed RESTful APIs with Reengineered data flow architecture, resulting in 25% improvement in application response times.Launched full-stack applications with SSL certification and domain configuration on GoDaddy and Hostinger platforms, ensuring 99.9% uptime.Spearheaded daily stand-ups and sprint planning sessions, fostering transparent communication across teams and resolving development roadblocks, resulting in streamlined workflows and increased team efficiency of 15%.	

KEY PROJECTS

Q&A Community Platform <i>React.js, Node.js, MongoDB, Express.js</i>
<ul style="list-style-type: none">Constructed full-stack Q&A platform with real-time updates, user voting system, and comment functionality, achieving 20% increase in user engagement.Architected MongoDB database design with enhanced queries, improving data retrieval efficiency by 20% for 500+ concurrent users.Executed responsive frontend with React.js and integrated RESTful APIs, ensuring cross-browser compatibility and mobile responsiveness.Released application with user authentication, session management, and community moderation features.
Interactive 3D Web Solutions for Freelancers <i>Web Development, 3D Animation, Frontend Optimization</i>
<ul style="list-style-type: none">Developed both static and dynamic 3D-animated websites designed for freelancers, integrating visually immersive and responsive user interfaces.Implemented advanced security enhancements, ensuring data integrity and minimizing potential vulnerabilities.Optimized execution accuracy and runtime smoothness through refined front-end rendering and efficient resource management.Delivered production-ready, high-performance sites with seamless interaction flow and polished visual transitions.

EDUCATION

Erode Sengunthar Engineering College <i>Bachelor of Technology - Artificial Intelligence and Data Science</i>	June 2023 – March 2027 CGPA: 8.6/10.0
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