BOOBALAN M S

Full Stack Developer

3 Years of Experience | +91 96292 77533

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PROFESSIONAL SUMMARY

Experienced Full Stack Developer with 3 years of expertise in Angular, React, TypeScript, JavaScript, HTML, CSS, Bootstrap, and Tailwind CSS. Proficient in building dynamic, responsive, and user-friendly web applications, with a strong focus on clean and maintainable code. Skilled in collaborating with cross-functional teams to deliver high-quality solutions.

Demonstrated expertise in back-end development using Node.js, Express, MySQL, and MongoDB, ensuring seamless integration of front-end and back-end functionalities. Adept at optimizing performance, debugging, and staying current with emerging trends in web development.

SKILLS

- Front-end Technologies: HTML, CSS, Bootstrap, Tailwind, JavaScript, TypeScript, Angular 12+, React.
- Back-end Technologies: Node.js, Express.js.
- Cloud Services : AWS (Amazon Web Services) for deploying
- Version Control : Git
- Tools: Git, Jira, Bitbucket, AWS, MongoDB Compass, Postman, Visual Studio Code.
- Database: MYSQL and MongoDB.

EXPERIENCE

Software Engineer | Zettaone Technologies, Bangalore, India | Feb 2022 - PRESENT

- Designed and developed responsive and dynamic user interfaces using Angular, HTML, CSS, and JavaScript, ensuring seamless user experiences.
- Collaborated with UI/UX designers to translate wire-frames and design mock-ups into pixel-perfect, functional code.
- Implemented and integrated front-end and back-end functionalities, ensuring cross-browser compatibility and high application performance.
- Conducted thorough testing and debugging to identify and resolve performance bottlenecks, ensuring robust and reliable web applications.

- Utilized Express.js and MySQL to architect and implement efficient server-side solutions, collaborating with back-end teams to ensure smooth data flow and API integration.
- Optimized database performance and maintained seamless front end-backend integration for scalable, high-performance web applications.
- Stayed updated with the latest tools, frameworks, and best practices in full-stack development, including Typescript, Node.js, MongoDB, and React.

PROJECTS

1. **Hidden Brain (IoT):** Developed a secure and responsive interface for monitoring environmental changes with real-time cloud integration, focusing on sanitization, validation, and JWT-based authentication.

2. **Potentia (Family Tree App):** Built a dynamic family tree management tool using the Balkan Library, with secure backend integration.

3. **Automation Conversion Platform (PCB Design):** Designed a React-based platform to convert PCB design formats seamlessly, ensuring user-friendly navigation and scalable architecture.

4. **Customer Management Portal (PCB Automation):** Developed a web portal to automate PCB manufacturing processes, integrating APIs for efficient backend communication and secure JWT-based interactions.

5. **PCBPartz (PCB Library Platform):** Created a responsive interface for managing a vast PCB part library, enhancing global user access and secure interactions using JWT authentication.

EDUCATION

Bachelor of Engineering (Mechatronics Engineering),

Maharaja Engineering college, Coimbatore,

AUG 2015 - 2019 | CGPA : 7.14.