

Raviraj Mahendra Bugge

Software Engineer

Contact Information:

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Professional Summary

Experienced Senior Software Developer with 2.5 years of experience in designing and developing scalable, user-centric web applications. Passionate about writing clean, maintainable, and optimized code while adhering to best practices and industry standards. Strong understanding of software architecture, performance optimization, and user experience. Adept at collaborating with cross-functional teams to deliver high-quality solutions on time. Committed to continuous learning and innovation to drive impactful digital experiences.

Skills

- **Programming Languages:** C, C++, PHP, JavaScript ES6, Node.js, Express.js
- **Frontend Technologies:** HTML5, CSS3, Materialize CSS, Bootstrap 5, tailwind
- **Database Management:** MySQL, SQLite, Firebase Firestore
- **Design Tools:** Adobe XD, Adobe Figma
- **Additional Skills:** API Integration, Data Security, Responsive Web Design, Cross-Platform Compatibility

Work Experience

Boerm Bruckmeier Infotech India Private Limited

Software Developer

2022 – Present

- Enhanced frontend designs for improved aesthetics and speed using advanced tools.
- Spearheaded key projects, ensuring robust backend functionality and API integration.
- Innovated and deployed new dashboards to optimize performance and user experience.
- Maintained and secured databases, ensuring seamless data organization and retrieval.
- Delivered projects on time with comprehensive testing and quality assurance.
- Trained and mentored new employees, fostering a knowledge-sharing culture.
- Reduced resource usage by optimizing existing implementations, achieving a 30% reduction in server load.
- Developed and implemented in-house solutions to replace paid tools, significantly reducing operational costs while maintaining efficiency and functionality.

Education

- **Bachelor of Engineering in Computer Science**
Savitribai Phule Pune University
Aggregate: 8.01 CGPA
- **Higher Secondary School**
State Board of Maharashtra
54.15%
- **Secondary School**
State Board of Maharashtra
81.40%

Achievements and Awards

- Secured AIR-10 in the SAMADHAN COVID-19 Challenge with a team, leading to innovative solutions for pandemic-related problems.

Projects

CDST Editor (Clinical Decision Support System)

- Led the project as a Project Manager, overseeing task assignments and ensuring smooth execution.
- Single-handedly upgraded the entire UI to be fully responsive, enhancing usability across mobile and desktop platforms.
- Improved user experience (UX) with modern design enhancements and intuitive navigation.
- Managed a legacy, business-critical system, ensuring stability and future scalability.

Acoms

- Developed and integrated a custom file manager module, eliminating the need for paid alternatives and reducing costs.
- Designed and implemented a robust Role-Based Access Control (RBAC) system for secure and efficient user and content management.
- Optimized backend security by implementing measures to prevent SQL injection attacks, enhancing system integrity.
- Implemented multiple backup processes to ensure secure and reliable content storage and recovery.

Tool Translator

- Optimized API calls to the DeepL Translation API, improving translation speed by 20% and reducing costs.
- Designed a robust database architecture with version control and multilingual translation support.
- Enhanced translation quality while maintaining efficiency and scalability.

- Implemented a strong API infrastructure for seamless integration with other projects within the organization.

ESC Web App (European Society of Cardiology)

- Transitioned from an image-based to a template-based approach, reducing loading time by 80% and resource size by 90%.
- Eliminated unnecessary API calls, improving server performance.
- Redesigned UI for seamless usability across devices and resolutions.
- Authored comprehensive documentation for maintenance and onboarding.

Languages

- English (Fluent)
- Hindi (Fluent)
- Marathi (Native)