


Karan Khodke

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Portfolio: <https://codedose-ai.github.io/portfolio/>

FRONT END DEVELOPER

Frontend Developer with 1.6 years of experience in building responsive web interfaces using Angular, JavaScript, and Bootstrap. Skilled in integrating RESTful APIs, managing real-time data, and optimizing UI performance. Experienced in working across the full stack using Flask, phpMyAdmin, and Python.

SKILLS

- Languages: HTML, CSS, JavaScript, TypeScript, SQL
- Frameworks & Libraries: Angular, Bootstrap
- Tools & Technologies: Git, npm, Angular CLI, Firebase Realtime Database, Flask (Python), phpMyAdmin, Postman
- Design & Frontend: Responsive Design, UX/UI principles, Figma, Image & Log Visualization, Real-Time Dashboards
- Backend & Integration: RESTful APIs, Flask integration with frontend, basic CRUD operations
- Analytics & Reporting: Power BI, Excel, real-time error tracking, log analysis

PROFESSIONAL EXPERIENCE

Junior Frontend Developer	Currently working
[Micropro software solutions .Ltd]	
<ul style="list-style-type: none">• Worked as a Junior Frontend Engineer for a grain analyzer machine integrating AI-based grain detection and classification• Developed and maintained responsive UI using Angular to display real-time grain data, scanned images, and processing logs• Managed frontend modules for log visualization, image rendering, and user interaction with analysis results• Collaborated with Python Flask backend to build API endpoints and integrated with phpMyAdmin for database management• Built a custom image management tool that reduced manual data processing time from 7–8 hours to 1.3 hours• Designed and implemented a log management system to capture real-time errors and identify faulty stages in the processing pipeline• Improved system transparency by enabling live feedback and diagnostic alerts directly on the UI• Worked closely with AI and backend teams to ensure accurate data flow and meaningful visualization for users• Focused on performance optimization and clear documentation for scalability and team collaboration	

Front-end Developer	Dates
[Francina & Francis consulting Pvt. Ltd]	
Con-Fab Project	
<ul style="list-style-type: none">• Designed and developed responsive UI components using Angular and Bootstrap for an intuitive, mobile-friendly interface• Integrated RESTful APIs to enable real-time data exchange and improve system performance• Ensured cross-browser compatibility and optimized front-end performance for faster load times• Worked closely with backend developers to streamline data flow between the front-end and back-end systems• Collaborated with UX/UI designers to enhance the overall user experience and functionality of the application• Implemented dynamic routing and state management within Angular to create a seamless navigation experience• Utilized Bootstrap's grid system and pre-built components for consistent, responsive layouts across devices• Conducted testing and debugging to identify and resolve issues, improving the stability and reliability of the application• Documented key features, development processes, and technical specifications for future scalability and team onboarding	

EDUCATION

[B.TECH (Mechanical)]
[Govindrao wanjari engg college] – [Nagpur, Maharashtra]
[Diploma (Mechanical)]
[GH. Rasoni polytechnic] - [Nagpur, Maharashtra]

CERTIFICATIONS

SQL - Atlanta computer institute - 6 months

ACTIVITIES

Runner-up in inter cricket competition
Runner up in Radio F.M 98.1 cricket league
Winner of chess competition inter college
Winner in snooker competition inter college
Winner in Carrom compition inter college

LANGUAGES

Hindi , English, Marathi.
