





# RAKSHA M

## Software Engineer (Frontend)

 Bengaluru, India  
 8105542523 |  rakshamuralimohan@gmail.com  
 linkedin.com/in/raksha-murali-871295238

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## PROFILE SUMMARY

Frontend-focused Software Engineer with ~2 years of hands-on experience building **production-grade web applications** using **React.js**. Played a key role in developing and owning **entire company websites**, implementing **deep linking logic via custom React hooks**, and contributing to **React-based modules integrated within a Flutter application**. Strong at translating business requirements into clean, scalable UI solutions, validating complex filters, and improving overall application reliability.

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## SKILLS

**Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS  
**State & Data:** React Hooks, Context API, Redux (basic), API Integration  
**Backend & APIs:** RESTful APIs, Validation & Error Handling  
**Databases:** MySQL (basic usage)  
**Tools:** Git, GitHub, VS Code  
**Other:** Responsive Design, Performance Optimization, Reusable Components

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## WORK EXPERIENCE

### Software Engineer

Jodo | Mar 2024 – Present

- Built and owned the **entire public-facing website for Jodo**, delivering responsive, production-ready pages aligned with business and marketing needs.
  - Developed the **web platform for the Jodo Collect application**, focusing on scalable UI architecture and reusable components using React.js.
  - Designed and implemented a **custom React hook for deep linking**, handling query parameter validation, state synchronization, and fallback logic to ensure safe navigation flows.
  - Contributed to **Jodo Collect**, a Flutter-based application, by developing and maintaining **React-based modules** integrated within the app ecosystem (without direct Flutter development).
  - Implemented **robust validation logic** before API calls to prevent invalid filters, reduce failures, and improve overall user experience.
  - Collaborated closely with product managers and backend engineers to ship features end-to-end and iterate quickly based on feedback.
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## Frontend Developer Intern

Techxonic Innovation | Jun 2023 – Jan 2024

- Developed **responsive and dynamic user interfaces** using React.js and Tailwind CSS, ensuring compatibility across devices.
  - Worked on **dynamic email templates** using HTML, Markdown, and JSON, improving automation and consistency in communications.
  - Contributed to the company's **static website built with Jekyll and Ruby**, enhancing content delivery workflows.
  - Participated in **code reviews, performance optimizations**, and internal technical workshops, strengthening code quality and collaboration.
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## PROJECTS

### Chauffeur Behaviour Recognition Using CNNs

- Built a deep learning model using **Convolutional Neural Networks (CNNs)** to classify driver behavior (aggressive, distracted, drowsy, drinking, normal).
  - Used circular plot-based signals to **reduce privacy risks** while maintaining classification accuracy.
  - **Published in IJNRD Journal (2023).**
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## ACHIEVEMENTS

- Winner – **Jodo Hack (36-hour corporate hackathon)** for building a chatbot using frontend technologies.
  - Finalist – **Smart India Hackathon.**
  - Runner-up – **Navadhara Project Competition.**
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## EDUCATION

**Bachelor of Engineering** – SEA College of Engineering (2019–2023)

GPA: 3.3 / 4.0

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## LANGUAGES

English, Kannada, Telugu, Hindi (Fluent) | Tamil (Intermediate)