

# Aasmi C.

Bengaluru, India

 [aasmideveloper@gmail.com](mailto:aasmideveloper@gmail.com) |  +91 9566921449

 [LinkedIn](#) | [GitHub](#)

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## ABOUT ME

**Results-driven Software Developer** with **4 years of experience** specializing in **React Native and React.js**. Adept at building **scalable, high-performance web and mobile applications**, optimizing code efficiency, and implementing **CI/CD workflows**. Expertise in **Node.js, Prisma, AWS**, and modern front-end frameworks like **Redux, TypeScript, and Tailwind CSS**. Passionate about **clean, maintainable code** and **collaborative problem-solving**. Proven track record of delivering **high-impact applications** while enhancing **user experience and performance** in **Agile environments**. Skilled in **RESTful API integration, testing (Jest, React Testing Library), and DevOps basics best practices**.

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## SKILLS

- ✓ **Frontend Development:** React.js, React Native, Redux, TypeScript, JavaScript
  - ✓ **Backend Technologies:** Node.js
  - ✓ **UI/UX & Styling:** Tailwind CSS
  - ✓ **State Management:** Redux, MobX
  - ✓ **Mobile Development:** React Native, Expo
  - ✓ **Database:** MySQL
  - ✓ **Version Control & CI/CD:** Git, GitHub, Jenkins
  - ✓ **Testing:** Jest, Cypress
  - ✓ **Other Tools:** ESLint, Prettier, Postman, n8n
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## PROFESSIONAL EXPERIENCE

### Team Lead | Mograsy Technologies (*May 2024 – Present*)

- **Led the development and maintenance** of high-performance **React.js and React Native** applications, improving efficiency by **40%**.
- **Built and deployed** cross-platform **iOS and Android apps** using **React Native and Expo**.
- **Optimized web performance**, reducing page load times by **30%** through **code splitting, lazy loading, and caching strategies**.
- **Enhanced team collaboration**, leading daily stand-ups that reduced project blockers by **25%**.
- **Collaborated with UI/UX designers**, ensuring **responsive, pixel-perfect** user interfaces.
- **Conducted in-depth code reviews** and implemented **unit and end-to-end testing**, ensuring robust and maintainable code.
- **Established a structured review process**, improving code quality by **35%** and minimizing pre-launch defects.
- **Streamlined stakeholder communication**, reducing misunderstandings by **20%**, ensuring smooth project execution.

### Software Developer | Mograsy Technologies (*June 2021 – April 2024*)

- **Designed and deployed 12+ scalable web applications** using **AngularJS**, improving system efficiency by **30%**.
- **Enhanced AWS S3 integration**, reducing file upload errors by **50%**.
- **Led debugging and performance tuning**, cutting development cycle time by **20%**.
- **Migrated legacy AngularJS applications** to modern frameworks, improving speed by **25%**.
- **Strengthened cross-functional collaboration**, enhancing project execution by **15%**.
- **Developed dynamic and responsive web applications** using **AngularJS and TypeScript** for seamless user experiences.

- **Implemented authentication and authorization** using **JWT**, enhancing security.
  - **Optimized UI performance** through **lazy loading**, **Ahead-of-Time (AOT) compilation**, and **memorization**, reducing load times.
  - **Actively contributed to Agile development**, participating in **sprints**, **stand-ups**, and **iterative improvements**.
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## PROJECTS

### 1. **MograConnect** (*React Native, TailwindCSS, NodeJS, Prisma, Expo*)

[Play Store](#) | [App Store](#)

- ✓ Built an intuitive **attendance tracking and grade entry system** for educators.
- ✓ Improved user engagement by **40%** within the first semester.
- ✓ Successfully launched after passing multiple **App Store & Play Store reviews**.
- ✓ Designed a **highly responsive UI**, ensuring seamless interactions.
- ✓ Automated data synchronization, reducing **manual work by 35%**.

### 2. **MograHub** (*React Native, TailwindCSS, NodeJS, Prisma, Expo*)

[Play Store](#) | [App Store](#)

- ✓ Parent-focused **student tracking and notification system**.
- ✓ Increased parental engagement by **50%** through real-time updates.
- ✓ Implemented **push notifications for alerts and reminders**.
- ✓ Optimized data synchronization for **instant accessibility**.
- ✓ Ensured compliance with **App Store & Play Store policies**.

### 3. **Parent Portal Web Application** (*ReactJS, TailwindCSS, NodeJS, Prisma*)

- ✓ Developed a **web-based version of MograHub**, bridging communication gaps.
- ✓ Integrated **real-time attendance tracking, notifications, and report viewing**.
- ✓ Secured authentication and user roles for enhanced **data privacy**.
- ✓ Implemented a **centralized dashboard** for streamlined monitoring.
- ✓ Delivered **responsive UI**, ensuring cross-device accessibility.

### 4. **Online Admission Form** (*ReactJS, TailwindCSS, NodeJS, Redis, Prisma*)

- ✓ **Automated admission processing**, handling **200+ applications daily**.
- ✓ **Integrated AWS S3** for secure document uploads.
- ✓ **Implemented real-time tracking**, improving user experience.

### 5. **Mogra Trips** (*ReactJS, TailwindCSS, NodeJS, Redis, Prisma*)

- ✓ Developed a **trip management platform** with **payment & email integrations**.
  - ✓ **Automated itinerary generation**, reducing manual effort by **60%**.
  - ✓ Integrated **secure online payments** for financial transparency.
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## EDUCATION

### 🎓 **M.E in Structural Engineering** (Aug 2019 – May 2021)

Sri Shakthi Institute of Engg. And Tech., Coimbatore, Tamil Nadu (95%)

### 🎓 **B.E in Structural Engineering** (Aug 2015 – May 2019)

Sri Shakthi Institute of Engg. And Tech., Coimbatore, Tamil Nadu (75%)

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## CERTIFICATIONS & TRAININGS

- 🏆 **React Native Certification**, Coursera (*Sept 2024*)
- 🏆 **Front End Development Libraries**, freeCodeCamp (*Aug 2024*)
- 🏆 **Web Developer Bootcamp 2024**, Udemy (*July 2024*)
- 🏆 **React Native + Hooks Course**, Udemy (*June 2024*)
- 🏆 **API Academy Certification**, API Academy (*Dec 2023*)