

# Roshan Moger

Associate Software Engineer

Excelsoft Technologies Ltd, Mysore

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## PROFESSIONAL SUMMARY

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- Frontend Developer with **2+ years of professional experience** building enterprise-scale **Single Page Applications (SPA)** using **React.js**.
- Strong experience developing and maintaining a **shared React component library**, enabling UI consistency and reuse across multiple teams.
- Proficient in advanced **state management** using **Redux Toolkit** for large-scale, multi-module applications.
- Experienced in secure **authentication and authorization** using **JWT**, refresh tokens, protected routes..
- Applied **custom hooks**, **HOCs**, and modular React architecture to handle cross-cutting concerns such as auth, permissions, and API handling.
- Built responsive and scalable UIs using **Tailwind CSS** with strong cross-device compatibility.
- Integrated frontend systems with **REST APIs** and **WebSockets** for real-time, event-driven features.
- Delivered interactive workflows including **seat booking**, scheduling, notifications, and email-based systems.
- Actively contributed across the full **SDLC** in Agile environments.
- Hands-on experience in **EdTech (LXP, assessment platforms)** and **Event Management** domains.

## EDUCATION

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### • Bachelor of Engineering in Electrical and Electronics Engineering

2019 – 2023

*NIE Institute of Technology, Mysore*

CGPA: 7.8

## WORK EXPERIENCE

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### • ExcelSoft Technologies, Mysore

*Associate Software Engineer*

May 2024 – Present

#### Projects:

- **OwlBot** – Compliance-focused platform that detects copyright infringements on websites and generates automated violation reports.
- **SVKM Platform** – University-level examination system enabling question paper creation, exam scheduling, answer sheet scanning, and online result processing.
- **Saras Standard Platform** – Enterprise EdTech product with multiple modules including Admin, Item Bank, Test Bank, Scheduling, and Test Player, enabling administrators to manage users, create diverse question types, assemble assessments, schedule online exams, and conduct secure formative and summative tests with proctoring support.

#### Roles & Responsibilities:

- Developed **React.js single-page applications (SPAs)** with improved UI responsiveness and optimized load performance.
- Refactored legacy frontend modules into reusable React components to enhance maintainability.
- Designed mobile-first user interfaces using **Tailwind CSS**.
- Integrated frontend applications with **REST APIs**, reducing redundant requests and improving performance.
- Implemented secure **JWT-based authentication** with refresh token handling and session persistence.
- Built role-based administration modules used across multiple enterprise platforms.
- Developed advanced assessment workflows and proof-of-concept user interactions.
- Implemented real-time features using **WebSockets**, including live proctoring and reporting.
- Created and maintained shared **reusable React components** to ensure UI consistency.

- Managed complex application state using **Redux Toolkit**.
- Collaborated with backend, QA, and product teams to ensure timely feature delivery.

#### • **Kodnest Technologies Pvt. Ltd., Remote**

*Software Development Intern*

August 2023 – April 2024

- Completed hands-on training in **Java Full Stack development**, covering core Java, JDBC, Servlets, and SQL.
- Built and tested full-stack modules, gaining practical exposure to real-world application development.
- Strengthened problem-solving skills through implementation of data-driven and backend-focused features.
- Collaborated in a remote development environment using **Git/GitHub** following standard version control practices.
- Gained understanding of end-to-end software development workflows, including requirement analysis and debugging.

## PERSONAL PROJECTS

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#### – **Real-time Expense Tracker (MERN Stack)**

2025

*A real-time web application for tracking monthly income and expenses through secure email data processing.*

- \* Designed and implemented secure authentication using **JWT** with protected routes and session persistence.
- \* Developed scalable APIs and data handling using **MongoDB**, ensuring efficient storage and retrieval.
- \* Built responsive and intuitive UI components using **React.js**, **Redux**, and **Tailwind CSS**.

#### – **Event Management Platform (Frontend, PWA)**

2025

*A role-based Progressive Web Application for event creation, booking, and management.*

- \* Developed role-based dashboards for **Admin**, **Organizer**, and **Customer** with access-controlled navigation.
- \* Implemented real-time ticket booking, ticket generation, and **QR-based check-in** functionality.
- \* Integrated PWA features including offline support, caching strategies, and performance optimizations.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Java, JavaScript, HTML, CSS

**Frameworks:** React.js, Tailwind CSS, Bootstrap

**Tools:** Node.js, Git, GitHub, VS Code

**Databases:** MongoDB, MySQL

**Interests:** Web Design and Development

**Soft Skills:** Problem Solving, Self-learning, Adaptability