

Sourabh Sen

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5+ years of Software Engineer experience building high-performing web and mobile applications using React, Node.js, and various frameworks. Proven ability to integrate complex systems and optimize performance for a seamless user experience.

TECHNICAL SKILLS

- **Languages & Backend Frameworks:** JavaScript, **TypeScript**, **Node.js (NestJs & Express.js)**, Java, PHP
- **Frontend Frameworks & Cloud:** **React**, **Angular**, **React-Native**, Vue, Material UI, Quasar, Sass/Scss, Bootstrap, HTML/CSS
- **Databases, Lib. & Tools:** MySQL, MongoDB, PostgreSQL, Redux Saga, JWT, Multer, S3, TypeORM, Mongoose, [Git/GitHub/GitLab](#)

EXPERIENCE

Genesis Technologies

Indore, M.P., India

Sr. Software Engineer

Sep 2020 - Present

- **Analyzed & Integrated 50+** external HRIS, ATS, and CRM services (including SAPSF, Workday, Oracle, Lever, Greenhouse, Teamtailor) into a unified web application.
- **Addressed & Resolved complex** architectural challenges in Redux-Saga, streamlining state management and improving overall application performance.
- **Architected** high-performing Node.js/MongoDB APIs that integrated seamlessly with React, **reducing response times by 40%** for a faster user experience.
- **Developed a cross-platform React Native** mobile app for Android & iOS devices (using XCode), successfully released on the App Store.
- **Collaborated directly with clients**, gathering requirements, and providing technical solutions to address challenges.
- Led the development of a secure, **role-based permission module** within a complex web application.
- **Mentored 15+ new joiners** & provided training/learning sessions.
- **Redesigned & Re-architected a tenant** dashboard with complex calculations and graphs, improving design **stability by 50%, performance by 80%, and reducing network calls by 30%**.
- Optimized SQL queries using stored procedures and triggers, significantly reducing execution time from **8-9 seconds to less than 400 milliseconds**.

SoftGrid Computers Pvt. Ltd.

Indore, M.P., India

Php Developer

Dec 2019 - Mar 2020

- Engineered APIs for an e-commerce mobile app with Laravel and MySQL database. Facilitating real-time data exchange and enabling seamless user experience.
- Leveraged PHP, SQL, and JavaScript to enhance and optimize APIs in an ongoing project. Ensuring improved performance and user experience.

Endevors IT Solutions

Indore, M.P., India

Php Developer

Dec 2018 - Nov 2019

- Created WordPress apps for selling essential car accessories, Implemented plugins such as Image Optimization, Wordfence, and Multi-linguistics.
- Simplified & Redesigned the backend APIs, streamlined CMS of various apps, created responsive web designs using HTML/CSS, PHP, CodeIgniter, and MySQL.

PROJECTS

Unified Integration Platform

NestJS • Node.js • TypeScript • Vitest • Git • 3rd Party APIs/Integrations/Sandboxes

- Performed a thorough analysis of various HRIS, ATS, and CRM integrations, implementing unified models and APIs. Ensured robustness through automated test cases.

Online Food Ordering App

React Native • Redux Saga • MySQL • XCode • Firebase • Git • Java

- Successfully built a cross-platform canteen app using React Native for Android and iOS. This project involved learning Xcode and mastering the intricacies of mobile app development. Used HOCs for reusability of components.

Resource Planning & Management

Node.js • MongoDB • React/Redux • MUI • Docker • Git

- Developed robust services using MongoDB aggregations to efficiently handle large datasets. Implemented complex auto-resource allocation algorithms. Built custom calendar components capable of rendering extensive data.

Quick Tracking Information System

Node.js • Vue.js • Quasar • MySQL • Java

- Enhanced application functionality by implementing dynamic nested forms with nth child associations, S3-based image upload, live notifications, and a dynamic dashboard, all built using a component-based approach.

Real Estate Management System

Node.js • React/Redux/Saga • MUI • MSSQL

- Leveraged Redux-Saga to architect a maintainable React application, focusing on code quality and efficient UI rendering through the strategic use of HOCs.

EDUCATION

Acropolis Institute of Technology and Research

Bachelor of Engineering - Information Technology; CGPA: **7.45**

Indore, M.P., India

Aug 2014 - Jun 2018