SONAL MALVIYA

Information Technology Analyst

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EXPERIENCE

Information Technology Analyst

Tata Consultancy Services   📅 11/2018 - 11/2023   📍 Pune, India

Project: Tapestry ESI (Enterprise Sensor Integration)

Client : Boeing | Role : UI Developer Lead | Tech Stack: React.js, Redux, Material UI, JavaScript, HTML, CSS, React Leaflet

ESI is a smart middleware platform that connects people, machines, and data by integrating diverse sensors and systems across the enterprise.
It enhances asset visibility and operational awareness through dynamic, map-centric user interfaces and real-time data visualization.

- **Led Front End development** of core ESI modules (Asset, Tool, Device, and Zone Management) using React.js, Redux, and Material UI.
- **Optimized UI performance** and state management across complex, data-heavy screens
- Built dynamic, map-driven UIs with React Leaflet for real-time tracking and monitoring.

Policy Portal

Client : Commonwealth Bank of Australia | Role : Senior UI Developer | Tech Stack: React.js, SharePoint SPFx, HTML, CSS

Internal policy and compliance management portal for bank employees.
- Implemented role-based access control (RBAC) for secure access.
- streamlined policy lifecycle management, enhancing efficiency, compliance, and user experience.

Barclays Data Portal (BDP)

Client : Barclays | Role : Front End Developer | Tech stack: React.js, HTML, CSS, Jest, GraphQL, postman, swagger

- **Developed** a data-driven dashboard for visualizing financial data.
- **Mentored and trained** team members on React.js core concepts and best practices, improving development efficiency.

Software Engineer

The Digital Group | Role : Mobile Application Developer

📅 06/2014 - 11/2018

HRMS - TDG Product | Tech stack : React Native, JavaScript, Html5, css3
- **Developed** HRMS, a React Native app, automating HR tasks like employee management and payroll.
- **Implemented secure access** and push notifications for efficient operations.
- **Ensured cross-platform compatibility** for iOS and Android.

PulseRx - TDG Product | Tech stack : Swift, XCode
Developed PulseRx, a Swift-based iOS app, improving doctor-patient interactions.
Implemented features allowing patients to book appointments, view medical records, and communicate with doctors.

Discover Places | Tech stack : Swift, XCode
- Contributed to the development of Discover Places, an iOS app that helps users find nearby services using GPS
- Implemented location-based features and optimized user experience for seamless navigation

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SUMMARY

Experienced IT professional with 9 years of experience in software development, specializing in front-end development, UI team leadership, and scalable web applications. Proficient in React.js, TypeScript, JavaScript, Redux, HTML5, CSS3, and SharePoint (SPFx). Skilled in designing high-performance web applications using modern frameworks, cloud technologies, and AI-driven solutions. Strong background in problem-solving, system design, and Agile methodologies. Passionate about continuous learning, innovation, and mentorship.

SKILLS

Agile   PhoneGap   SPFx   Zustand

Git   GitHub   GraphQL   HTML

JavaScript   Jest   Material UI   Postman

React JS   React Native   Redux   REST

Scrum   SharePoint   Swagger   Swift

TypeScript   Webpack   GitHub Actions

Angular   Swift   Android   Tailwind CSS

CSS

TRAINING / COURSES

Generative AI for Everyone
DeepLearning.AI

Introduction to Generative AI
Google

EDUCATION

Bachelor of Engineering

Rajiv Gandhi Proudyogiki Vishwavidyalaya

📅 09/2008 - 06/2012   📍 Bhopal, India
- Computer Science | 67.47%

FIND ME ONLINE

🌐 **Linkedin**
www.linkedin.com/in/sonal-malviya-b9824514a

🌐 **Portfolio**
https://sonalmalviya.github.io/my-portfolio/