Pradeep Raj R

Senior Software Engineer (Development)

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Summary of Qualifications (Knowledge & Skill Areas)

- 5 + years of total IT experience with good hands-on experience on Front end application development

- Good programming experience on React js, react native, Jquery , javascript,

- Experience in utilizing UI libraries and Andt to deliver the responsive web applications.

- Good knowledge in AWS Cloud Platform

- Good experience in Leadership and Handling the Multiple Projects

- Working with Release Management Team and Delivered the Quality Applications

- Experience in Solving Code Blockers and Configuration Issues in Client Environment

- Experience in designing Responsive Interfaces for complex Web solutions.

Tools & Technology Expertise

Scripting language and Tools	React js, react native, Jquery , javascript, redux, olmap, geoserver,Antd,Css,TypeScript basics,Webpack, Babel
IDE	Visual Studio Code, Sublime, Notepad++
Version Control	GitHub, AWS codecommit
Management Tool	Jira
Cloud Platform	AWS Amplify,S3,Cloudfront,Cloudwatch

Project Experience - with customer information

Project name: Raven sitebuilder	Duration: 05-Aug-2019 to 20-Jan- 2021
Role	Software Engineer
Project Summary	Raven sitebuilder is a professional site planning application that empowers planners and integrators with thermal security camera simulation and google maps layout ability.
Client	Flir Systems
Tools	Visual Studio , Javascript,Jquery
Responsibilities	- Managed and provided ongoing maintenance for Raven SiteBuilder, ensuring smooth functionality and uptime. - Monitored system performance and resolved any issues related to thermal security camera simulation and Google Maps integration. - Performed regular updates to maintain compatibility with new versions of Google Maps and other third-party services. - Troubleshot and resolved bugs or performance issues to ensure optimal user experience.

Project name: WRD	Duration: 01-Mar-2021 to 27-Apr- 2022
Role	Software Engineer
Project abstract	Wrd Designed and developed a mobile app for collecting water level data from wells across Tamil Nadu. Integrated geofencing validation to ensure data collection only within 100 meters of the well location. Built an admin-enabled web platform offering district-wise insights and reports on well types, hydrographs, well counts, and water levels. Enhanced user experience with an interactive map view for better data visualization and analysis.
Client	Water resource department tamil nadu
Tools	Visual Studio , React Native ,Redux , Javascript

Responsibilities	● Implemented geofencing validation to ensure data collection occurs only within a 100-meter radius of the well location, enhancing data accuracy.
	● Built an admin-enabled web platform for generating district-wise insights and reports on well types, hydrographs, well counts, and water levels.
	● Enhanced data visualization and analysis by integrating an interactive map view, improving user experience.Streamlined the data collection process, ensuring seamless synchronization between the mobile app and web platform.
	● Collaborated with stakeholders to gather requirements and ensure the solution met regional water management needs.

Project name: Digitization of Cadastral Maps	**Duration: 28-Apr-2022 to 30-Dec-2022**
Role	Software Engineer
Project abstract	Developed a state-wide geo-referencing solution for Tamil Nadu sub-division level using GeoServer and OpenLayers maps. Integrated soil information and land details into an interactive map view, providing comprehensive geographic and agricultural insights across the state.
Client	FarmwiseAi Pvt Ltd
Tools	Visual Studio , React , Javascript,Geoserver , Olmap
Responsibilities	● Developed a state-wide geo-referencing solution for Tamil Nadu at the sub-division level using GeoServer and OpenLayers
	● Integrated soil information and land details into an interactive map to deliver comprehensive geographic and agricultural insights.
	● Configured GeoServer to efficiently serve geospatial data and layers for dynamic map rendering.
	● Collaborated with stakeholders to gather requirements and ensure the solution met state-level agricultural needs.

Project name: Agre-X	Duration: 04-Jan-2023 to 29-Dec-2023
Role	Software Engineer
Project Summary	Provides field-level crop information for user-specific regions of interest, accessible year-round. Delivers near real-time, high-resolution data and crop map products for monitoring crop health, yield potential, acreage, and other critical variables with speed and accuracy.

Client	Telangana Goverment
Tools	Visual Studio,Javascript,React Js,Redux
Responsibilities	• Delivered near real-time, high-resolution data and crop map products to monitor crop health, yield potential, and acreage. • Developed a user-friendly interface for seamless access to year-round crop data. • Integrated remote sensing technologies and geospatial analysis for enhanced crop monitoring capabilities. • Ensured data accuracy and reliability through rigorous testing and validation processes • Collaborated with agricultural experts and stakeholders to continuously refine and improve data products.

Project name: AgriCart	Duration: 01-Jan-2024 to now
Role	Software Engineer
Project Summary	E-commerce platform exclusive for agricultural products, one can browse and purchase a wide range of products from Tamil Nadu Agricultural University. The online store, offers a convenient and hassle-free way to access high-quality agricultural products, including seeds, fertilizers, pesticides, and more.
Client	Department of Agriculture Tamilnadu
Tools	Visual Studio,Javascript,React Js,Redux
Responsibilities	• Integration of BillDesk Payment for consumers, ensuring secure and seamless transactions . • Ensured a seamless user experience with mobile responsiveness and optimized website performance. • s3 bucket integration for image and video upload • using react advanced concept and redux store management • AI chat integration

Professional Experience

Mitrahsoft Technologies PVt Ltd	2019 to 2021
FarmwiseAi Pvt Ltd Chennai	2021 to till now

Education

Thiagarajar College of Engineering.   **Madurai, Tamil Nādu**

BTech Information Technology   **March,2019**

MEMBERSHIP IN PROFESSIONAL BODIES

- Organization Security in Quest.
- Rotaract Club
- National Service Scheme

AWARDS AND ACHIEVEMENTS

- Received the "Innovation and Delivery Award" for implementing cutting-edge solutions in project delivery.
- Honored with the "On-Time Delivery of the Year" award for consistently meeting project deadlines with high-quality outcomes.