

VINEETH J NAIR

<SOFTWARE DEVELOPER/>

+91-701-293-1784

vineethjnair88@gmail.com

www.linkedin.com/in/vineeth-jayakumar-624674191

PROFESSIONAL SUMMARY

Results-driven Software Engineer with 2 years and 5 months of expertise in web application development and a proven track record in code optimization and building scalable, robust web applications. I enjoy taking responsibility, getting tasks done, and helping my team grow by creating learning groups to build new skills. My goal is to continuously evolve, embrace challenges, and contribute to meaningful innovations.

SKILLS & TOOLS

- **Frontend Technologies:** React.js, Redux, JavaScript (ES6+), HTML5, CSS3, TypeScript, TailwindCSS, MUI
- **Backend Technologies:** Node.js, Express.js, MongoDB, SQL
- **Version Control:** Git, GitHub
- **Project Management Tools:** Jira Development Methodologies: Agile

PROFESSIONAL EXPERIENCE

Softnotions Technologies Pvt Ltd

Nov 2022 - Oct 2024

Jr Software Developer

- Integral member of the Research & Development team, driving innovation and technological advancement.
- Developed front-end applications using **React** and back-end services with **Node.js**, following the **MVC design pattern** for scalability and maintainability.
- Hands-on experience in Agile software development, fostering innovation through collaboration and problem-solving.
- Managed global state effectively using **Redux** and **Zustand** and created custom hooks for API calls.
- Designed and managed schemas in **MongoDB**, implementing complex queries using **aggregation pipelines**.
- Developed secure REST APIs and middleware, using **JWT** for authentication and authorization.
- Collaborated with the team using **GitHub**, managing pull requests and ensuring smooth code integration.
- Created 3D applications using **Three.js**, enhancing user engagement with immersive visuals.
- Used **AWS Secrets Manager** to encrypt sensitive user data, ensuring compliance with **GDPR policies**.
- Regularly attended client meetings to gather requirements, clarify functionality, and ensure alignment with project goals.
- Established micro learning groups to help the team stay updated on new technologies and improve technical skills.

Trinity Technologies

Mar 2021 - Nov 2021

PHP Developer Intern

- Contributed to developing and maintaining web applications using **PHP, MySQL, AJAX, and jQuery**.
- Worked on dynamic data handling and optimized queries for better performance in a small-scale company environment.
- Designed and managed tables in **SQL**.
- Worked in **Agile** development environments, collaborating closely with product managers, designers, and QA teams to deliver high-quality software on time.
- Designed and implemented micro-frontend architecture using **IFrames** to enable the seamless integration of independently developed applications within a unified user interface.
- Addressed challenges like performance optimization and user experience consistency, ensuring a responsive and intuitive interface.

PROJECTS

CareDom (Employee Management System)

- Played a pivotal role in the end-to-end development of the CareDom, a healthcare management solution delivered as a **Software as a Service (SaaS)** model.
- Utilized the **MERN stack (MongoDB, Express.js, React.js, Node.js)** to build a robust, scalable, and user-friendly web application.
- Designed and implemented **RESTful APIs** using Node.js and Express.js to handle server-side operations efficiently.
- Managed and maintained **MongoDB** databases, ensuring high performance, data integrity, and scalability for the system's data-intensive requirements.
- Created and integrated **Seeders** for common data, including care home names, departments, and roles, enabling consistent and standardized initialization across multiple care homes.
- Used **React Router DOM** for intuitive navigation and seamless transitions between pages.
- Implemented global state management using **Redux**, ensuring smooth data flow across the application.
- Ensured cross-browser compatibility and responsiveness for all user interfaces to cater to diverse user needs.

iDesigner (Building Management System)

- Developed a user-friendly project based on **React Planner** that allows users to design model buildings effortlessly.
- Enabled users to drag and drop customizable, ready-to-use objects from a catalog and transition seamlessly from **2D wireframes** to detailed **3D models**.
- Updated and integrated functionalities by handling state changes using **Immutable.js**.
- Utilized **Redux** to create and update the store by dispatching actions and defining reducer functions.
- Managed the **CI/CD pipeline** using **Jenkins** for repositories including Development, QA, and Staging.
- Handled **FileZilla FTP** for live production releases and database backups.

EDUCATION

Diploma in Product Design and Analysis

CADD Center 2017 - 2018

Bachelors in Mechanical Engineering

Kerala University 2012 - 2016

CERTIFICATIONS & TRAINING

2022-web-development-bootcamp

Udemy

react-the-complete-guide

Udemy

React: Server-Side Rendering by Emmanuel Henri

Linkedin E Learning

Web Accessibility for Developers by Donia Robinson

Linkedin E Learning