

I J Kiran Vignesh

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EXPERIENCE

Software Engineer | The Tann Mann Foundation - KA, India

Mar 2023 – Present

- Developed and maintained scalable web apps using the MERN stack on multiple projects with high performance and responsiveness.
- Created and altered feature-rich frontend components and pushed several functional components to the production environment.
- Designed and implemented RESTful APIs to interact with backend databases for seamless data flow without compromising performance.
- Utilized Redux for global state management to enhance user experience while providing a single store for implementing reducer functions.
- Conducted unit testing using Jest + Enzyme in order to identify and resolve issues to ensure code quality and reliability for all possible use cases.
- Implemented snapshot testing to validate UI changes and a unique package.json to maintain a consistent program throughout the future releases.
- Leveraged utility tools such as Git for version control, Microsoft Azure for various cloud services and web hosting.

Systems Trainee | Intellect - TN, India

Jul 2022 – Feb 2023

- Worked on J2EE framework with MVC pattern, Handled minor changes in UI (JSP, HTML), Business Logic (Java), Servlets, JDBC and Database Queries.
- Debugged existing issues in the Java codebase and deployed error handling mechanisms on various occasions.

EDUCATION

VELS Institute of Science and Technology - TN, India

Jul 2019 - May 2023

Bachelor of Computer Applications, BCA (Hons)

CGPA: 8.4

NIIT (National Institute of Information Technology) - TN, India

Aug 2019 - Jul 2022

Cloud and Software Engineering

GPA: 8

PROJECTS

Thrift Shop / E-Commerce App (React JS, Redux, Firebase)

- Users can interact with the products, cart components, checkout page and login/logout.
- Made Authentication component with user/pass (inbuilt hash function) and OAuth (Google sign-in).
- Implemented React-Redux for state management of the entire application with multiple reducer functions.
- Leveraged Reselect library to implement memoization and Redux-Persist to persist the client's current app state.
- [Github Repository](#) | [Project Demo](#)

Celestial Cast / Weather Forecast (Next JS, Tailwind CSS, AXIOS)

- A simple and yet a highly functional REST API integrated application with AXIOS,
- Implemented Static Site Generation to make the initial API call at build time with `getStaticProps()`.
- Highly optimized initial and subsequent HTTP response using SSG + CDN for pre-rendering static components.
- [Github Repository](#) | [Project Demo](#)

View / Interact with my other projects: [Project Gallery](#)

SKILLS

- **Languages :** JavaScript, Java, HTML, CSS, SQL, Python (DSA)
- **Technologies:** React JS, Node, Express, MongoDB, PostgreSQL, Git, Azure