Nimmi Alampatta
Senior Software Engineer

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PROFESSIONAL SUMMARY:

Experienced Senior Software Engineer with over 6 years in web development, specializing in React, Redux, and Vue.js frameworks. Skilled in creating maintainable, high-performance code using JavaScript, TypeScript, HTML, and CSS. Proven ability to implement component-based architectures and drive innovation in agile team environments. Strong background in collaborating with cross-functional teams, delivering efficient solutions, and optimizing web application performance with modern technologies.

CORE COMPETENCIES:

Front-End Technologies: Advanced expertise in JavaScript (ES6+), TypeScript, React.js, Redux, Vue.js (Vue 3, Vuex), Nuxt.js, Next.js, and Gatsby.js for developing modern, responsive web applications.

UI/UX Development: Strong skills in HTML5, CSS3, SCSS (Sass), Styled Components, Ant Design, Material UI, and React-Router, ensuring high-quality, accessible interfaces.

Back-End & APIs: Proficient in Node.js, Express.js, and RESTful APIs, with hands-on experience in GraphQL for efficient data fetching.

Cloud & DevOps: Experience with AWS Lambda, Vercel, S3, Jenkins, and setting up CI/CD pipelines for scalable cloud deployments.

Testing & Debugging: Competent with Jest, Babel, Redux-Saga for unit testing and debugging, ensuring robust and maintainable code.

Databases: Skilled in MongoDB, MySQL, and DynamoDB for data storage and management.

Version Control: Extensive experience with Git, GitLab, GitHub, Bitbucket, and SVN for version control and collaboration.

Development Tools: Familiar with VS Code, Eclipse, Apache, Figma, Robo 3T, FileZilla, WinSCP, and Putty for efficient project management.

Soft Skills: Strong problem-solving abilities, teamwork, leadership, communication, flexibility, and a deep understanding of Agile/Scrum methodologies.

WORK EXPERIENCE:

Lead Solution Engineer   Jan 2022 - Present
IBS Software Services • Montreal, Québec

- Designed and implemented software solutions with high code quality and efficient data structures.
- Worked on tasks individually and through pair programming, contributing to a multi-disciplinary team.
- Conducted code reviews, issue triage, and design meetings, providing valuable input and feedback.
- Managed the entire lifecycle of assigned Jiras, including requirement analysis, effort estimation, and risk control.
- Presented solutions (POC) to PMs, BAs, peers, and business users, ensuring clear understanding and alignment.
- Contributed to team productivity and innovation by adopting new industry standards and cutting-edge technologies.

  Projects:
  SKYPAK TOURS:
  - Developed a website where users can book tour packages by entering departure and return dates, passenger count, and destination using technologies such as React-Redux, Redux-Saga, JavaScript, and CSS.
  - Enhanced booking efficiency by 50% through the development of a tour booking application, utilizing the same tech stack.
  JAL-KOMADO:

- Developed an embedded feature for Japan Airlines to calculate loyalty points for travelers using React, Redux-Saga, JavaScript, and CSS, resulting in a 35% increase in user engagement.

Junior Associate   Jul 2020 - Jan 2022
White Rabbit Group Inc. • Kochi, India

- Constructed a web UI interface using React JS to obtain survey results from users, increasing survey completion rates by 40%.
- By leveraging Vue-Nuxt JS and Gatsby JS, server-side rendering was masterfully accomplished, resulting in a substantial enhancement of the website's search engine optimization.
- Integrated third-party applications like Contentful and Shopify, improving data handling efficiency by 45%.
- Modernized an outdated HTML codebase to a single-page application using React and Redux, reducing load times by 50%.

Projects:
IKONICK:
- Created a headless e-commerce site for IKONICK, boosting sales conversions by 20%, and improved the website's SEO using best practices with technologies such as Vue.js, Nuxt.js, Vue 3, JavaScript, CSS, SCSS, styled components, Nacelle, Vercel, and Contentful.
LUNG STORY:
- Built an online platform for Lung Story to support chronic respiratory symptom management, increasing user engagement by 25%. Integrated React forms to conduct user surveys and saved the survey data in the Redux store using React, Redux, JavaScript/ES6, CSS, SCSS, and PHP for the backend.
FUEL FLEET:
- Developed an application for Fuel Fleet to track health metrics using smartwatch data, enhancing user health tracking accuracy by 40%. Utilized AWS Lambda functions and GraphQL to query data, with DynamoDB for data storage, using Node.js, JavaScript, GraphQL, React, DynamoDB, and AWS Lambda.

Software Engineer   Jan 2018 - Jul 2020
Cubet Technolabs Pvt. Ltd • Kochi, India

- Led a team to develop a demo website for IBM Watson services, increasing client interest by 30%.
- Built chat bots and e-commerce site with IBM WATSON AI APIs.
- Designed REST APIs using Node-expressJS and designed database in MongoDB.
- Lambda function to call and perform actions in data reserved in AWS cloud and GraphQL query endpoint in NodeJS on AWS DynamoDB.
- Collaborated with the entire team to build the best outcome.
- Developed an administrative control panel with React.js, improving back-end management efficiency by 45%.
- Executed CRED functions with the help of ReactJS, incorporating the use of SCSS and HTML

Projects:
SPACETIME:
- Created an AI-based website that provides AI solutions to customers using IBM Watson AI APIs and worked on the backend with Node.js, boosting customer adoption by 25%. Technologies used include React.js, Redux, Node.js, IBM Watson, MongoDB, and REST APIs.
UPFRONT:
- Developed a product and branch management system, creating REST APIs for the management system using MongoDB as the database and the Node.js framework LoopBack, streamlining operations and reducing overhead by 20%. Technologies used include LoopBack, Node.js, JavaScript, MongoDB (Mongoose) for the backend, and Angular for the frontend.
ALISKART:
- Built an e-commerce site to sell electronic devices with IBM Watson, WordPress and NodeJS as Backend, increasing the sales by 10%.

EDUCATION:

Bachelors of Technology in Computer Science Engineering   Apr 2012 - Apr 2016
Calicut University • Kerala, India