Akshay Nair

+91-8879585429   snakshay98@gmail.com   snakshay.netlify.app   linkedin.com/in/snakshay   github.com/snakshay

Professional Experience

Application Development Analyst

Accenture, Mumbai   **June 2022 - Present**

- Engineered innovative architecture for a contract management system using React 18 that process annual payments of over $263M and streamlining manual processes reducing time spent by 5500 users.
- Developed a RESTful API using Node.js and Express.js, enabling seamless integration between the frontend and backend.
- Created custom middleware functions in Express.js for logging, error handling, and input validation, resulting in improved code readability and maintainability.
- Optimized UI/UX design with HTML5, Bootstrap, and CSS 3, to enhance the entire web application's performance, leading to improved customer engagement by 40%.
- Managed a UI team of 4 developers, provided training sessions, and ensured quality code through daily code review.
- Ensured code quality with the implementation of SonarQube & unit testing strategies like Karma and Jasmine, resulting in a defect reduction rate of 25%, achieving code coverage of 75%.

Application Development Associate

Accenture, Mumbai   **Dec 2020 - May 2022**

- Built common components for configurable tables, forms, and templates in React 18 to maximize code reuse reducing development time by 30%.
- Facilitated migration of micro frontends by organizing training sessions and providing technical support, developing POC.
- Reduced application bundle size from 10MB to 6.5MB through code refactoring and optimization techniques, improving loading speed by 40%.
- Integrated latest technologies to improve user experience & reduce development time for 3 program iterations, handling millions of payments with 99.9% accuracy and 0 Production defects.

Education

University of Mumbai   **2016 - 2020**

Bachelor of Engineering and Technology: CGPA- 9.38/10

- **Relevant Courses:** Object- Oriented (Java), Structured Programming (C/C++), Database Management (SQL), Computer Architecture, Neural Networks

Skills

Programming Languages: CSS/SASS, HTML, JavaScript (ES6), TypeScript
Libraries & Frameworks: Angular, Bootstrap, Express, MUI, Node.js, PrimenNG, React, MongoDB, Socket.io, Websocket
Tools & Platforms: AWS S3, Firebase, Git, Heroku, Netlify, VS Code, Webpack

Projects

Real Time Chat Application using Socket.io (Websocket)   **Oct 2022 - Nov 2022**

- Created a mobile responsive chatroom with React and MUI where users can chat across same room.
- The chats are communicated to users in real time using web sockets leveraged by Socket.io.

Ecommerce Shopping Application using React Redux   **Jul 2022 - Aug 2022**

- Developed a simple mobile responsive using React ecommerce shopping application where users can login and signup using google with help of Firebase.
- Users can shop for products across various categories add/edit/remove products to cart implemented with help of redux.

Social Connect Web Application using React Hooks   **Dec 2021 – Jan 2022**

- Web app created with React.js, Node.js, Express, AWS S3, MongoDB where user can connect with people, add posts, comments, like/unlike posts.
- JWT token-based authentication for REST API and email verification-based registration