

Rajalakshmy S

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SKILLS

FRONTEND

- React.js, Next.js
- Redux (Redux Toolkit, Saga)
- Javascript (ES6+)
- Typescript
- HTML5
- CSS3, LESS, SCSS
- Bootstrap, React Bootstrap
- Tailwind CSS

BACKEND

- Node.js
- Express.js
- REST API
- GraphQL

TESTING

- React Testing Library (RTL)
- JEST

DATABASE

- MongoDB, Mongoose

TOOLS & TECHNOLOGIES

- Version Control : Git, GitHub
- Project Management : JIRA
- CI/CD : Jenkins
- Package Managers : NPM, Yarn

SOFT SKILLS

- Problem-Solving
- Effective Communication
- Collaboration
- Adaptability

EDUCATION

MODEL ENGINEERING COLLEGE

BTECH IN ELECTRONICS AND COMMUNICATION ENGINEERING

Kochi, Kerala | Aug 2017 - Jun 2021

CGPA: 8.49

AWARDS

Service and Commitment Award 🏆

Recognized for exceptional contributions and dedication.

Special Initiative Award 🏆

Acknowledged for driving innovative solutions and initiatives.

SUMMARY

Experienced **Front-End Developer** with over **3.5 years** of expertise in designing and building responsive high-quality web applications using **React.js**. Proficient in **MERN stack** and exploring Cloud technologies (**AWS**) to create user-centric scalable solutions. Known for delivering robust applications with a focus on performance and user experience.

EXPERIENCE

TATA CONSULTANCY SERVICES | Kochi, Kerala

SYSTEMS ENGINEER | Jul 2023 - Present

- Developed a full-stack application using **Node.js**, **Express.js**, and **MongoDB**, following the **MVC architecture** and **Awilix** for Dependency Injection.
- Integrated **GraphQL APIs** for optimized and secure data handling, ensuring robust access control with **Passport.js** and **graphql-shield**.
- Utilized **Next.js** for the front-end, leveraging server-side rendering (SSR) to improve **SEO by 50%** and enhance performance.
- Experienced with **AWS** services including Amplify, CloudWatch Logs, Secrets Manager, and S3 for deployment, monitoring, and secure storage.
- Revamped an airline website using **React.js**, **Redux (Toolkit, Saga)**, and **SCSS**, enhancing user engagement by 30%.
- **TypeScript** was adopted to improve code maintainability and reduce runtime errors.
- Deployed **OAuth 2.0** for Google Single Sign-On, enhanced multilingual by using **i18next**.
- Implemented **REST APIs** to ensure seamless data flow and functionality.
- Leveraged **JEST** and **RTL** for unit testing, **increasing coverage by 70%**.

ASST. SYSTEMS ENGINEER | Jul 2021 - Jun 2023

- Built and maintained responsive front-end components for an e-commerce platform using **React.js** and **LESS**, boosted site performance by 30%.
- Streamlined CI/CD workflows with **Jenkins** and **GitHub** for efficient deployments.
- Improved site accessibility and cross-browser compatibility, enhancing user experience.

PROJECTS

THAI AIRWAYS 🇹🇭 | React.js, Typescript, Redux, SCSS, REST API, JEST

- Secured user authentication by implementing **login-to-logout** feature with OTP, SSO, and reset/self-unlock features.
- Optimized the **booking process** to increase efficiency by **35%** through personalized selection features.
- Improved **homepage search** speed by 40% with debouncing and real-time API integration.

BESTBUY 🇺🇸 | React.js, Context API, LESS, REST API, JEST

- **Migrated** site architecture to React.js and LESS, which bettered responsiveness and increased performance by 30%.
- Fixed **critical bugs** by collaborating with cross-functional teams and boosted customer satisfaction by 20%.
- Delivered reusable widgets, reducing development time by 40%.