

# Rajalakshmy S

✉ rajalakshmys27@gmail.com | ☎ +919074089543 | in LinkedIn | 📍 Kochi, Kerala

## SKILLS

### FRONTEND

- React JS
- Next JS
- Redux (Redux Toolkit, Saga)
- Javascript (ES6+)
- Typescript
- HTML5
- CSS3, LESS, SCSS
- Bootstrap, React Bootstrap

### BACKEND

- Node JS
- Express JS
- EJS
- REST API
- GraphQL

### TESTING

- React Testing Library (RTL)
- JEST

### DATABASE

- MongoDB, Mongoose

### TOOLS & TECHNOLOGIES

- GitHub
- AWS CodeCommit
- Git
- JIRA
- Jenkins
- 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  
8.49 - CGPA

## SUMMARY

Experienced **Front-End Developer** with over **3+ years** of expertise in the software development industry, specializing in building high-quality, responsive web applications using **React JS**. Currently broadening knowledge in **Full-stack (MERN) development** and **Cloud technologies (AWS)** to deliver scalable, user-centric solutions.

## EXPERIENCE

### TATA CONSULTANCY SERVICES | Kochi, Kerala

#### SYSTEMS ENGINEER | Jul 2023 - Present

- Developed full-stack applications using **Node.js**, **Express.js**, and **MongoDB**, following the **MVC architecture** and **Awilix** for Dependency Injection.
- Integrated secure APIs with **GraphQL** for efficient data retrieval, optimizing performance.
- Designed and maintained a **MongoDB** database with **Mongoose**.
- Utilized **Next JS** for the front-end with server-side rendering, improving SEO and performance
- Used robust authentication and authorization in GraphQL APIs using **Passport.js** and **graphql-shield** for secure access control.
- Revamped an airline website using **React JS**, **Redux (Toolkit, Saga)**, and **SCSS**, enhancing user experience and boosting engagement.
- Deployed **OAuth 2.0** for Google Single Sign-On, enhanced multilingual by using **i18next** and **React Bootstrap** components for responsiveness.
- Implemented **REST APIs** to ensure seamless data flow and functionality.
- Mentored the team, in using **Git** for version control and **CodeCommit** for seamless integration.
- Leveraged **JEST** 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**, improved accessibility and boosted site performance by 30%.
- Collaborated with the team using **Git** and streamlined CI/CD workflows with **Jenkins** and **GitHub** for efficient deployments.

## 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.
- Amended **homepage search** speed by 40% with React JS debouncing and real-time API integration.
- Reinforced **Ad visibility** by 30% through CMS integration, adding lifestyle components, promotional carousels.

#### BESTBUY 🇺🇸 | React JS, Context API, LESS, REST API, JEST

- Customized **widgets** and **migrated** site architecture with React 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%.