

AJAY MUTHUKUMARAN

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PROFESSIONAL SUMMARY

Full Stack Developer with 2+ years of experience specializing in React.js and Node.js development. Adept at building scalable, responsive web applications and integrating robust backend systems. Skilled in frontend development, state management, RESTful API integration, and Agile methodologies. Proven track record of enhancing user engagement and collaborating across global teams to deliver high-quality products.

TECHNICAL SKILLS

- **Frontend:** React.js, Redux, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, NestJS
- **Tools:** Git, GitHub, Jira, Confluence, Postman, VS Code
- **Others:** RESTful APIs, Responsive Design, Agile/Scrum, Azure Basics

PROFESSIONAL EXPERIENCE

System Engineer

Tata Consultancy Services (TCS), Chennai & Mexico

- **Assistant System Engineer Trainee | July 2022 – January 2023:**
 - Underwent comprehensive React.js training, mastering Hooks, Redux, Routing, and Custom Hooks development.
- **Assistant System Engineer | February 2023 – July 2023**
 - Developed user interfaces for eCommerce applications using React.js and Redux, improving user engagement by 20%.
 - Collaborated with backend developers to integrate RESTful APIs ensuring seamless data flow across the application.
- **System Engineer (Onsite – Mexico) | July 2023 – November 2024**

- Worked as a Full Stack Developer at client location (Mexico) for an eCommerce application.
- Led development of critical frontend features in React.js and backend APIs in Node.js.
- Built reusable components and maintained UI consistency with component libraries and Tailwind CSS.
- Implemented form validations, advanced state management, conditional rendering, and component composition to avoid prop drilling.
- Worked within Agile teams, participating in daily stand-ups, sprint planning, and retrospectives.
- Contributed to backend development and bug fixing using Node.js and Express.js.
- Enhanced application performance and improved UI responsiveness and scalability.
- **System Engineer | December 2024 – Present**
 - Currently working as a Full Stack Developer for an insurance client based in India.
 - Developing and maintaining scalable React.js frontend and Node.js backend services.

KEY PROJECTS

- **eCommerce Platform (Full Stack Development)**
 - Developed product listing, filtering, checkout components, and user authentication features.
 - Integrated PayPal payment gateway and dynamic recommendation sections.
 - Implemented shopping cart, order management, and personalized user dashboards.
- **Insurance Platform (Full Stack Development) (Ongoing)**
 - Building scalable and secure components for policy management and claim processing.
 - Developing RESTful APIs and integrating third-party services for enhanced user experience.

EDUCATION

Bachelor of Technology in Information Technology

AVC College of Engineering, Chennai | 2018 – 2022 | CGPA: 7.4

PERSONAL PROJECTS

Bill Splitting UI (Personal Project)

- Built a responsive web application using React.js to manage and split expenses among friends. Implemented dynamic UI components, state management with useState, conditional rendering, and form handling. Enabled users to add friends, track balances, and calculate shared bills with an intuitive interface.
 - APP link- <https://eatnsplitify.netlify.app/>
 - Github link - <https://github.com/ajay-mkumar/eat-n-split>

Movie Recommendation UI (Personal Project)

- Built a dynamic movie search application using React.js that integrates with the OMDB API to fetch and display real-time movie data. The app allows users to search for movies by title, view detailed information such as ratings, synopsis, cast, and poster images. Implemented responsive UI, environment variables for API key management, and clean component-based architecture to ensure maintainability and scalability.
 - APP link- <https://grabpopcornn.netlify.app/>
 - Github link - <https://github.com/ajay-mkumar/grab-popcorn>

STRENGTHS

- Passion for clean, scalable code and efficient architecture.
- Strong problem-solving and debugging skills.
- Effective communicator and collaborative team player across multicultural teams.