

# NAVIN RAVINDRAN

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## CAREER OBJECTIVE

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An experienced software engineer with over 4.7 years of total experience specialising in frontend technologies, with a proven track record of creating performant web applications for clients like NSE and Hyundai in fast-paced environments, consistently delivering impactful solutions under tight deadlines.

## TECHNICAL SKILLS

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**Frontend:** React, Javascript ES6, Redux, Typescript, HTML, CSS, Formik, RESTful API's, React Hooks, TanStack, Bootstrap, ChartJS, Primereact,Webpack, Architecture -Single Page Application(SPA),Backend for frontend(BFF), Micro-frontends.

**Backend:** Node, Express, Python(Basic Scripting), MongoDB, PostgreSQL, ElasticSearch, JWT, Micro-services.

**Others:** Docker, AWS-EC2, Bash/Shell, Unix/Linux, JIRA, Postman, GitLab CI/CD, Version Control - GIT, SVN,Mock-service-worker, Design Patterns, Selenium, Cypress, Figma, Netlify.

## WORK EXPERIENCE

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**Frontend Developer - Associate Consultant**  
Infosys

**Mar 2023 - June 2024.**  
Chennai,Tamilnadu, India.

- Designed and developed a secure, scalable, and maintainable architecture for web applications which dealt with high volume of data restricted with role based access control - RBAC with JWT authentication.
- Ensured high code quality using tools like SonarQube and linters, incorporated test cases(Jest), and refactored where necessary.
- Developed reusable UI components, managed data flow using redux or react context API, developed APIs with Node.js, and integrated with React.
- Developed custom datatables for high-volume data with client-side filters, pagination, and Excel-like features, leveraging React optimization techniques. Integrated dynamic dashboards with ChartJS for effective data visualisation.
- Enhanced large file download performance by implementing file streaming in the API for efficient data transfer.
- Participated in requirement gathering, sprint planning, effort estimation, and break down stories into actionable tasks.
- Identified and reduced technical debt by adhering to best practices and conducting root cause analysis.
- Implemented optimization techniques wherever required like lazy loading, debouncing, cleanup for memory leaks.
- Focused on user experience by incorporating mobile first responsive user interface design using bootstrap.
- Written and maintained clear technical documentation for both the team and clients throughout the project lifecycle.

**Software Development Engineer - System Engineer**  
Tata Consultancy Services

**Jan 2020 - Mar 2023.**  
Chennai,Tamilnadu, India.

- Developed a functionality rich web application(SPA) with ReactJs framework for a leading stock exchange of India (NSE), involved in UI & architecture design, integration and deployment of the applications.
- Reduced the bundle size by 30 percent by reducing libraries and code splitting resulting in faster load time from previous 5+ seconds.
- Designed a form heavy module with several multi step forms with formik for input validations and caching.
- Used python and bash to automate deployments and log scraping.
- Built an internal dev tool with functionalities like encrypt/decrypt payloads, functionalities to check back services and database interactions which ultimately boosted the productivity in integration and end-to-end testing.
- Migrated the class components to functional and implemented the required changes for router and other package version upgrades.
- Troubleshooted bugs with the help of react developer tools, redux developer tools.
- Implemented CI/CD with Gitlab for React development pipeline, replicating the setup from an existing environment.

## EDUCATION

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2015-2019      Rajalakshmi Engineering College, Mechanical Department, Tamil Nadu, India.  
Bachelor of Engineering – (Mechanical) , CGPA – 63.80.