

# SWARNA VARRSINI S

## FRONT - END DEVELOPER

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### CONTACT

- [LinkedIn](#)
- [Portfolio](#)
- [GitHub](#)

### SKILLS

- JavaScript (ES6+)
- TypeScript
- React.js
- CSS
- HTML
- Redux
- Axios
- React Router
- Framer Motion
- Tailwind CSS
- Bootstrap
- SASS
- Material UI
- REST APIs
- GraphQL
- Firebase
- Postman
- Jest
- Webpack
- Babel
- Lazy Loading
- Code Splitting

### EDUCATION

2018 - 2021

PAAVAI ARTS AND SCIENCE

- Bachelor Of Science In Computer Science
- GPA: 8.1 / 10

### CERTIFICATIONS

- Azure Fundamentals – Microsoft, June 2024
- React Developer Certification – HackerRank
- JavaScript Developer Certification - HackerRank

### AWARDS

RISE AWARD - LEAD THE WAY –  
INFOSYS, FEB 2024

- Recognized for leadership and problem-solving skills, reducing development cycle time by 30% and driving improved coding standards across the team.

### PROFILE SUMMARY

Front-End Developer with 2+ years of experience building scalable, user-centric web applications. Proficient in React.js, Redux, and JavaScript (ES6+). Skilled in performance optimization (lazy loading, memoization), API integration, and creating responsive, accessible designs. Experienced in Agile teams, delivering high-quality, optimized user interfaces.

### WORK EXPERIENCE

Infosys

MAY 2022 - JUNE 2024

Systems Associate

- UI Development:** Designed and optimized React-based interfaces for retail and logistics clients, boosting user engagement by 30% through interactive, responsive design.
- Performance Optimization:** Achieved a 50% reduction in page load times by implementing code-splitting, lazy loading, and memoization, leading to increased user retention and smoother performance.
- API Integration:** Integrated front-end components with back-end REST APIs, reducing data inconsistencies by 25% and enabling seamless data flow.
- Cross-Functional Collaboration:** Leveraged Git and Agile methodologies to improve team workflows, reducing code conflicts by 40% and delivering 99% error-free deployments.
- Quality Assurance:** Enhanced test coverage by 60% with Jest and React Testing Library, achieving a 99% success rate in production deployments.

### PROJECTS

Payroll Processing System - Walmart Inc

- Interface Development:** Built reusable, responsive React components, reducing monthly processing errors by 250 through effective data handling and input validation.
- Data Efficiency:** Boosted data retrieval speed by 1.3x by optimizing Redux state management and Axios integration, enhancing application responsiveness and user experience.
- Security Concepts:** Applied foundational knowledge of JWT authentication to understand secure data handling in a production environment.

BNSF Shipment Tracking Enhancements

- Feature Development:** Created MapView and Save Search functionalities using React and Redux, cutting customer support inquiries by 500 monthly.
- Load Time Optimization:** Reduced page load times by 1.5 seconds through React Router for efficient navigation and optimized API handling, reducing request latency by 150ms.

### CORE COMPETENCIES

- Front-End Development:** React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Webpack, Babel
- State Management & Routing:** Redux, Context API, React Router
- API Integration & Data Handling:** REST APIs, GraphQL, Axios, WebSockets, Firebase
- Testing & Debugging:** Jest, React Testing Library, Chrome DevTools, Postman
- Performance Optimization:** Code Splitting, Lazy Loading, Memoization, Service Workers
- Problem-Solving & Algorithms:** Data Structures and Algorithms (DSA), Competitive Programming
- React Design Patterns:** Higher-Order Components (HOCs), Render Props, Compound Components, Custom Hooks
- Collaboration Tools:** Git, GitHub, Bitbucket, Jira, Agile (Scrum)