VIGNESH
Full stack Web Developer
Email: vgnesh96@gmail.com
Ph.no: +1 226-884-8526
Linkedin: linkedin.com/in/vigneshalle





PROFESSIONAL SUMMARY

Full Stack Web Developer with 5 years of experience building and maintaining modern web applications, with a strong focus on frontend development. Experienced in **React, Angular, TypeScript, JavaScript, HTML5, CSS3, and SCSS**, with a focus on creating responsive, user-friendly, and reliable web interfaces. Skilled in developing reusable components, forms, dashboards, and interactive web features, integrating REST APIs, and improving application performance. Hands-on experience with **Java, Spring Boot, REST APIs, Microservices, Spring Security, and SQL** for backend development and application integration. Familiar with **AWS, Azure, Docker, Git, CI/CD, automated testing, and Agile/Scrum**. Experienced in working with cross-functional teams to understand requirements, develop new features, troubleshoot issues, and deliver clean, maintainable web applications. Strong focus on frontend and web development with the ability to contribute across the full stack when required.

TECHNICAL SKILLS

Skills	Technologies / Tools
Frontend	React.js, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS
React	React Hooks, Redux Toolkit, React Router, React Query, Next.js
Angular	Angular, RxJS, Angular Material, Reactive Forms, Angular Signals
Web Development	Responsive Design, Reusable Components, Accessibility (WCAG), Cross-Browser Support, Web Performance
Backend	Java, Spring Boot, Spring Security, REST APIs, Microservices, Node.js
Database	PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps	AWS, Azure, Docker, Kubernetes, GitHub Actions, Jenkins, CI/CD, Terraform
Testing	Jest, React Testing Library, Cypress, Playwright, JUnit, Mockito, Postman
API & Security	REST, JSON, GraphQL, OAuth 2.0, JWT, OpenAI
Tools	Git, GitHub, GitLab, Jira, VS Code, IntelliJ IDEA
Development Practices	Agile/Scrum, Code Reviews, Debugging, Clean Code, SDLC, Production Support

PROFESSIONAL EXPERIENCE

PROJECT: DIGITAL BANKING & CUSTOMER SELF-SERVICE PLATFORM
Client: Scotiabank
Location: Toronto, ON, Canada
Role: Full Stack Web Developer
Duration: August 2025 – Till Date

PROJECT DESCRIPTION

Developed and enhanced a customer-facing digital banking web platform that allows customers to securely access account information, manage profiles, review transactions, submit service requests, and use various online banking services. The project focused on delivering a responsive, accessible, and easy-to-use web experience across desktop, tablet, and mobile devices. My primary responsibility was frontend and web development, with additional involvement in backend API development and integration.

ROLES & RESPONSIBILITIES

- Developed responsive and user-friendly web applications using **React, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS, and Tailwind CSS**.
- Built reusable UI components, layouts, forms, tables, dashboards, and common frontend modules to maintain a consistent user experience.

- Converted business requirements, wireframes, and UI/UX designs into functional and responsive web features.
- Developed customer-facing features such as **account views, transaction history, profile management, service requests, notifications, search, filtering, sorting, and pagination**.
- Integrated frontend applications with backend **REST APIs** and handled API responses, validation, error handling, loading states, and user interactions.
- Used **React Hooks, Redux Toolkit, React Query, Angular Services, and RxJS** for application state and data management.
- Improved frontend performance through **lazy loading, code splitting, optimized API calls, component reuse, and efficient state management**.
- Followed web accessibility practices including semantic HTML, keyboard navigation, accessible forms, and ARIA attributes.
- Tested and resolved UI issues across **Chrome, Edge, Firefox, and Safari**.
- Developed and maintained backend **REST APIs** using **Java, Spring Boot, Spring MVC, and Spring Data JPA**.
- Implemented backend validation, exception handling, authentication, and authorization using **Spring Security, OAuth 2.0, and JWT**.
- Worked with **PostgreSQL** for application data, SQL queries, joins, and database integration.
- Used **Postman and Swagger/OpenAPI** to test and validate REST APIs.
- Developed frontend unit and component tests using **Jest and React Testing Library** and end-to-end tests using **Cypress**.
- Developed backend unit tests using **JUnit and Mockito**.
- Used **Git and GitHub** for source control, branching, pull requests, and peer code reviews.
- Supported application builds and deployments using **Docker, AWS, and GitHub Actions CI/CD**.
- Investigated production issues using browser developer tools, API logs, application logs, and monitoring information.
- Worked closely with **business analysts, UI/UX designers, QA engineers, backend developers, DevOps engineers, and product owners** to deliver new features and resolve issues.
- Participated in **Agile/Scrum** activities including sprint planning, daily stand-ups, backlog refinement, sprint reviews, and retrospectives.
- Contributed to code reviews, technical discussions, documentation, defect resolution, and continuous improvement of the application.

ENVIRONMENT

React.js, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS, Redux Toolkit, React Query, RxJS, Angular Material, Java, Spring Boot, Spring Security, Spring Data JPA, REST APIs, PostgreSQL, OAuth 2.0, JWT, AWS, Docker, GitHub Actions, Git, GitHub, Jest, React Testing Library, Cypress, JUnit, Mockito, Postman, Swagger/OpenAPI, Jira, Agile/Scrum, WCAG

PROJECT: E-COMMERCE & CUSTOMER EXPERIENCE WEB PLATFORM

Client: Loblaw Companies Limited
Location: Brampton, ON, Canada
Role: Full Stack Web Developer
Duration: May 2024 – August 2025

PROJECT DESCRIPTION

Worked on a large-scale e-commerce and customer experience platform that enabled customers to browse products, manage shopping carts, place orders, track deliveries, and manage their accounts online. The project involved developing new web features, improving existing customer journeys, and enhancing application performance and usability across desktop and mobile devices.

ROLES & RESPONSIBILITIES

- Developed product listing and product detail experiences using **React, TypeScript, JavaScript, HTML5, and CSS3**, focusing on fast and intuitive customer interactions.
- Implemented product search, category navigation, filters, sorting, product comparison, and dynamic pricing features.
- Built shopping cart and checkout workflows with multiple steps, validation, order summaries, and payment-service integration.
- Developed reusable frontend modules for product cards, navigation menus, promotional banners, checkout sections, and customer account pages.

- Implemented **React Query** for server-state management, caching, background updates, and efficient data fetching.
- Used **Next.js** for server-side rendering and improved page loading and search-engine visibility for customer-facing pages.
- Developed image optimization, skeleton loading, pagination, infinite scrolling, and other techniques to improve the browsing experience.
- Integrated analytics and customer interaction tracking to understand page performance and user journeys.
- Worked with **feature flags and A/B testing** to support gradual feature releases and evaluate changes to customer-facing experiences.
- Implemented client-side error tracking and investigated issues affecting specific browsers, devices, and customer workflows.
- Worked with design teams to maintain consistent UI patterns and reusable design components across the platform.
- Integrated external services for **payments, product information, inventory, shipping, and customer notifications** through REST and event-based integrations.
- Developed supporting backend services using **Java and Spring Boot** for product, cart, order, and customer-related functionality.
- Implemented asynchronous order-processing workflows using **Apache Kafka**.
- Used **Redis** for caching frequently accessed product and session-related information.
- Worked with **PostgreSQL and MongoDB** for transactional and product-related data.
- Improved API response times by reviewing database queries, service logic, caching strategies, and payload sizes.
- Added automated frontend coverage for important customer journeys using **Playwright**.
- Used **SonarQube** to identify code-quality issues and maintain development standards.
- Worked with **GitHub Actions** to automate application builds, tests, and deployment workflows.
- Monitored application behavior after releases and worked with the team to identify and resolve customer-impacting issues.
- Worked in a cross-functional product team with developers, QA, UX designers, product managers, and business stakeholders.

ENVIRONMENT

React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, React Query, Java, Spring Boot, REST APIs, Apache Kafka, Redis, PostgreSQL, MongoDB, Playwright, Jest, GitHub Actions, Docker, AWS, SonarQube, Git, GitHub, Jira, Agile/Scrum

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PROJECT: HEALTHCARE WEB APPLICATION

Client: Tata 1mg
Location: Hyderabad, India
Role: Web Developer
Duration: April 2022 – April 2024

PROJECT DESCRIPTION

Worked on a healthcare web application that provided patients and healthcare staff with online services such as appointment scheduling, patient information, doctor details, and service requests. Started with core web development and gradually took on responsibilities across frontend development, API integration, backend development, database work, testing, and application support.

ROLES & RESPONSIBILITIES

- Developed and maintained web pages and application features using **React, JavaScript, TypeScript, HTML5, CSS3, and Bootstrap**.
- Created responsive layouts and reusable components for patient profiles, doctor information, appointment pages, forms, and notifications.
- Developed appointment scheduling functionality including doctor selection, available slots, appointment confirmation, and cancellation.
- Implemented client-side form validation and handled user inputs and application errors.
- Used **React Hooks and Context API** for managing component state and sharing application data.
- Connected frontend components with backend services through **REST APIs** and worked with JSON-based data.
- Worked with business analysts and UI/UX designers to understand requirements and implement web features.

- Developed backend functionality using **Java, Spring Boot, Spring MVC, and Spring Data JPA**.
- Created REST APIs for patient information, doctor details, appointment scheduling, and service requests.
- Implemented business logic, input validation, exception handling, and API response handling.
- Worked with **MySQL** to store and retrieve application data and developed SQL queries based on application requirements.
- Integrated appointment notifications and reminder functionality with application services.
- Tested APIs using **Postman** and worked with QA engineers to identify and resolve application issues.
- Developed unit tests using **Jest, React Testing Library, JUnit, and Mockito**.
- Used **Git and GitHub** for source control, code changes, branching, and collaboration.
- Participated in code reviews and followed established coding and development standards.
- Investigated and fixed frontend, API, and database-related issues during development and testing.
- Supported application releases and helped troubleshoot issues reported by QA and production-support teams.
- Participated in **Agile/Scrum** ceremonies including sprint planning, daily stand-ups, sprint reviews, and retrospectives.

ENVIRONMENT

React.js, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, React Hooks, Context API, Java, Spring Boot, Spring MVC, Spring Data JPA, REST APIs, MySQL, SQL, JUnit, Mockito, Jest, React Testing Library, Postman, Git, GitHub, Jira, Agile/Scrum

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PROJECT: HEALTHCARE & MEDICINE WEB APPLICATION
Client: Tata 1mg
Role: Web Development Intern
Location: Hyderabad, India
Duration: September 2021 – April 2022

ROLES & RESPONSIBILITIES

- Developed responsive web pages using **HTML5, CSS3, JavaScript, Bootstrap, and React.js**.
- Created reusable UI components and implemented user-friendly navigation and forms.
- Integrated frontend pages with **REST APIs** to display and update application data.
- Implemented client-side validation and handled basic user input and error scenarios.
- Developed basic backend APIs using **Java and Spring Boot**.
- Worked with **MySQL** for storing and retrieving application data.
- Tested APIs using **Postman** and assisted in resolving integration issues.
- Wrote basic unit tests and fixed bugs identified during development and testing.
- Used **Git and GitHub** for version control and code management.
- Worked with senior developers to understand requirements and implement assigned features.

EDUCATION

Bachelor of Technology (B. Tech) in Computer Science / Information Technology
[University Name], India | [Graduation Year]

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Fundamentals (AZ-900)