

Software Developer

Innovative Software Developer with a specialized skill set in JavaScript Frameworks, particularly React, and a proven track record of success in Agile environments to create interactive user interfaces. Proficient in crafting immersive web experiences and translating design concepts into fully functional applications. Adept at collaborating across teams to deliver high-quality software solutions.

- ▶ Deep understanding of Agile methodologies, ensuring efficient project delivery while maintaining code quality through rigorous code reviews and testing.
- ▶ Skilled in troubleshooting and debugging, proactively identifying, and resolving issues to ensure software reliability.
- ▶ Proven ability to collaborate across teams to design, develop, and maintain high-quality software solutions.

Core Competencies

Front-end Development | Software Engineering | JavaScript Framework | Angular Framework | SQL Database Optimization
Agile Methodologies | Code Review | Task & Messaging System Design | Unit Testing | Troubleshooting | Incident Response
AWS Services | Software Development Lifecycle (SDLC) | APIs | CI/CD Pipelines | Sustainable Development Practices

Technical Skills

Programming Languages: JavaScript, HTML, CSS, C++, Python, SQL

Web Frameworks: React JS, Node JS, Next JS, Tailwind, Angular JS

Tools: Microsoft Office Suite, Android Studio, Figma, Visual Studio, Git, GitHub, Docker, MongoDB, PostgreSQL, Kubernetes

Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure

Education

Master of Engineering (M.Eng), Software Engineering, Western University **2022 - 2023**

Bachelor of Engineering (B.Eng), Information Technology, Terna Engineering College **2018 - 2022**

Professional Experience

Software Developer -- Venus Cargo & Logistics Pvt. Ltd **2020 – 2021**

- Saved \$20K in labour expenses annually and established an automated invoice management system via React.js, Node.js, Express, MongoDB, Docker, and Unit Testing to expedite payment cycles and shorten human inventory and invoice processing time.
- Maximized MongoDB Database storage and retrieval while incorporating JSON Web Tokens for data security.
- Cut deployment time in half and resource consumption in half by using Docker to package programs and their dependencies.
- Improved 47% system response time via code reviews, Unit Testing, Debugging, and System Monitoring to find and repair errors.
- Collaborated with cross-functional teams to design, develop, and maintain high-quality software solutions.

Data Science & Business Analytics Assistant -- The Sparks Foundation **2021**

- Championed species classification models for iris species by performing feature importance analysis utilizing Python, scikit-learn, and Pandas, enhancing resource allocation and operational efficiency.
- Built data pipelines using Python and pandas to organize 5K+ raw data records, improving data accessibility and analytical speed.
- Directed the 89% execution of complex SQL queries on the corporate database, enabling integration of various data sources.

Key Projects

AI Article Summarizer -- Single Page Web App ([Link to Project](#)) **2023**

- Integrated Open AI's content summary API to create a single-page web application that summarizes any article using React.
- Produced and provided technical documentation to the team to verify solution parts promoted to production work.
- Performed unit testing to verify software adherence to specifications and quality benchmarks and troubleshoot/debug user-reported issues or those detected during testing.

NovelNest - Book E-Commerce Website ([Link to Project](#)) **2023**

- Used React.js, Node.js, Tailwind CSS, and real-time Google Books API data by creating feature-rich book e-commerce web app.
- Guaranteed an ideal user experience across multiple devices and browsers by designing and implementing responsive front-end layouts using HTML, CSS, and React.js.
- Incorporated secure Google Login to reduce login time by 40 seconds per user and the Stripe payment gateway to speed payment processes, improving resource efficiency.

Car Hub - Car Rental Web Application ([Link to Project](#)) **2023**

- Employed Next.js to create a cutting-edge and user-friendly car rental platform, incorporating dynamic routing and server-side rendering to guarantee a responsive user experience.
- Engineered a high-resolution picture gallery using React.js and TypeScript to provide consumers with immersive and thorough previews of rental possibilities, guiding their decision-making. Advanced search and custom filter functionality utilizing Next.js allowed consumers to easily find their dream automobile based on unique criteria.