Swapnali Vijay Kadam

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With 6 years of software engineering experience, I am dedicated to a career driven by continuous learning, seeking a role that blends personal growth, job satisfaction, and organizational success.

EDUCATION

Master of Science in Computer Science, Memorial University of Newfoundland, St. John's, Canada   **Aug 2023**
Bachelor of Engineering in Information Technology, D. Y. Patil Mumbai University, Mumbai, India   **Jun 2017**

TECHNICAL SKILLS

Frontend Technologies: HTML, CSS, Figma, JavaScript, TypeScript, React.js, Redux, Blazor
Backend Technologies: Node.js, Express.js, MySQL, PostgreSQL, MongoDB, RESTful APIs, Microservices
Software Testing: JMeter, Jest, Enzyme, Mocha, Chai, Unit Testing, Code Debugging, Code Review
Frameworks and Tools: Agile, Scrum, JIRA, GitHub, TFS, Microsoft SQL Server, Microsoft Visual Studio, VS Code
Programming Languages: C#, Python
Cloud Technologies: Azure, DevOps, CI/CD Pipeline

PROFESSIONAL EXPERIENCE

Software Developer, Aker Solutions, St. John's, Canada   **Oct 2024 – Oct 2025**
Technologies (Miro, C#, Blazor, SQL, Azure)
- Follow Agile software development practices using Azure DevOps to track requirements, tasks and bug fixes.
- Develop user-friendly frontend interfaces with Blazor, enhancing development efficiency and maintainability.
- Design database structures and create Entity Relationship Diagrams (ERDs) in Miro for visualization and planning.
- Leverage Microsoft Azure cloud services with backend API integration to ensure seamless data flow and scalability.

Software Developer, DuaTask Solutions Inc., St. John's, Canada   **Jul 2024 – Oct 2024**
Technologies (Figma, C#, Blazor, SQL, Azure, DevOps, CI/CD Pipeline)
- Converted Figma designs into front-end interfaces using C# and Blazor, reducing development time by 20%.
- Optimized SQL queries and database structures within Blazor applications, improving data processing speed.
- Designed and implemented APIs in C# to retrieve and integrate data from SQL databases into a frontend application.
- Deployed and managed the Blazor application on Azure, improving scalability and performance.

Software Development Intern, enaimco – Accelerating Net Zero, St. John's, Canada   **May 2022 – Dec 2022**
Technologies (JavaScript, TypeScript, React, Figma, Jest and Enzyme)
- Conducted extensive research and analysis, leading to innovative solutions that enhanced system efficiency.
- Developed web applications with JavaScript and TypeScript, reducing page load time by 30%.
- Designed and executed test cases for React components with Jest and Enzyme, reducing bugs in production.

Software Engineer, Ingram Micro India SSC, Mumbai, India   **Jan 2019 – Aug 2021**
Technologies (React, Redux, REST API, Node.js, Express.js, MongoDB, Unit Testing - Chai and Mocha)
- Utilized Agile with JIRA, reducing issues by 15% and increasing stakeholder satisfaction.
- Developed Redux components with TypeScript for modular, maintainable code.
- Implemented efficient REST APIs with Node.js and Express.js, improving system response time by 15%.
- Designed MongoDB schemas, and optimized queries to enhance data access speed, resulting in a 25% improvement.
- Conducted Code Reviews and practiced Test-Driven Development (TDD) by implementing Unit Testing.

Software Developer, Ingram Micro India SSC, Mumbai, India   **Jul 2017 – Dec 2018**
Technologies (HTML, CSS, JavaScript, TypeScript, React, Knockout.js, JMeter)
- Collaborated with cross-functional teams to gather requirements, leading to a 15% reduction in requirement issues.
- Analyzed business requirements and coded designs using HTML, CSS, and JavaScript.
- Implemented TypeScript functional components in a React application to create testable and performant software.
- Performed production support for legacy software using Knockout.js and conducted load testing with JMeter.

PROJECTS

Data Visualizations for Landscaping Company (React.js, Node.js)   **Mar 2024**
Implemented data visualizations to identify opportunities for improving business operations in a landscaping company.
Georeferencing Feature in Natures Palette Website (JavaScript, MongoDB)   **Dec 2023**
Crafted a georeferencing feature for Nature's Palette website, enabling bird species to be displayed on Google Maps.