**DEV SHAH**

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**Professional Summary**

A detail-oriented Software Developer with experience in building scalable web applications, APIs, and cloud-based services. Skilled in optimizing code, setting up CI/CD pipelines, and automating workflows, while maintaining a strong focus on quality, accessibility, and efficient communication. Passionate about continuously learning new technologies and delivering impactful solutions.

**Relevant Experience**

**Research Assistant**, Seneca Applied Research – Toronto, ONJan 2024 – Present

* Build a POC webapp using React.js and Node.js to address literacy and numeracy challenges, having potential to help people from underserved communities.
* Engineer scalable RESTful APIs and optimize MongoDB schemas, employing analytical problem-solving skills to improve data retrieval speed by 30%.
* Architect a modular frontend with reusable components, reducing development time by 20%.
* Develop a robust CI/CD pipeline with GitHub Actions and Docker, achieving 100% error-free code through automated unit testing and deployment.
* Create comprehensive technical documentation, including setup, development, and deployment instructions, reducing onboarding time by approximately 30% for contributing developers and enhancing communication.
* Lead an agile team of 4+ stakeholders in weekly sprint, ensuring project alignment and successful deliverables through effective communication and collaboration with a fellow developer.

**Web Developer**, Three of Cups (3oC) – Toronto, ON Sept 2023 – Dec 2023

* Built an MVP for secure identity validation using React.js and Flask, reducing risks of meeting online contacts IRL.
* Led frontend development efforts to enhance component reusability, demonstrating strong leadership and analytical skills to accelerate product delivery by 2-3 weeks and improving team collaboration through streamlined development processes.
* Engineered a secure verification process and referral system using Flask, Redis, and PostgreSQL, enhancing user trust by approximately 90%.

**Junior Web Developer**, Toronto District School Board – Toronto, ONJan 2023 – Aug 2023

* Communicated with 10 to 20 clients daily to manage website content, ensuring 100% WCAG and AODA compliance using HTML, CSS, and ASP.NET.
* Implemented the 'News You Can Use' project, streamlining event and notice communication and reducing efforts by 90% for principals and authorities.

**Technical Skills & Projects**

**Languages:** JavaScript, TypeScript, Python, C#, Bash, Java, C++, C, HTML, CSS

**Frameworks and Libraries:** Node.js, Express.js, React.js, Next.js, Angular

**Databases:** MongoDB, SQL, PostgreSQL

**Tools:** Git, GitHub, Docker, Jest, GitHub Actions

**Concepts:** RESTful APIs, CI/CD, Web Accessibility

**[IntelliCycles](https://github.com/busycaesar/IntelliCycles)**

* Built a full stack task management web application using React.js, Node.js, and PostgreSQL, featuring a calendar view, chatbot assistance, and a motivating streak system.

[**Content Driven LLM APIs**](https://github.com/busycaesar/Content_Driven_LLM_APIs)

* Built an application using Node.js, Express.js, and PostgreSQL, providing RESTful APIs for content-driven LLM prompting.
* Enables developers to store and manage content and generate LLM-based responses, simplifying AI integration in existing projects, without requiring deep knowledge of AI Agent frameworks.

[**Introductory AWS Cloud Project**](https://github.com/busycaesar/Introductory_AWS_Cloud_Project)

* Developed a microservice to store, retrieve, and manage data for IoT devices, utilizing AWS Cognito for secure authentication.
* Implemented CI/CD pipelines with GitHub Actions, Docker, and Amazon ECS for automated testing, deployment, and seamless integration of updates.

**Education**

**Advanced Diploma, Computer Programming and Analysis**, Seneca Polytechnic – Toronto, ON Aug 2024

**Diploma, Electrical Engineering**, The Maharaja Sayajirao University of Baroda – Vadodara, GJ Jun 2021