GAUTAM PATEL

patelgautam762@gmail.com ◇ LinkedIn ◇ 416-669-0206 ◇ Toronto ◇ AWS Certified Architect

SUMMARY

Highly skilled Full Stack Developer with expertise in JavaScript, TypeScript, and cloud-based microservices. Proficient in building scalable, efficient, and user-friendly applications. Passionate about optimizing performance and delivering robust solutions using modern technologies.

EXPERIENCE

Webmount Studio | **JavaScript, TypeScript, Nodejs, PostgreSQL, AWS, Microservices, RESTful APIs, React**

Full Stack Developer , Toronto   May 2022 - Nov 2024

- Developed scalable backend microservices using **RESTful & REST APIs architecture**, focusing on **modular design** and **data efficiency**.
- Built reusable, **high-performance React components** with a strong focus on **user experience**, optimizing **load times** and interaction handling.
- Leverage **TypeScript** to enforce **type safety**, improve maintainability, and ensure robust error handling across both backend and front-end applications.
- Designed and implemented dynamic user interfaces with **React**, leveraging **advanced hooks** and **context APIs** to improve component reusability and state management.
- Built efficient **Python** data pipelines with **Pandas**, optimizing performance using **multithreading** and **asyncio**.
- Optimized **PostgreSQL and MongoDB queries**, designed normalized schemas, and implemented complex migrations to ensure efficient **data management**.
- Deployed scalable services on **Azure** using **Fargate** and **AKS** with **Terraform** for infrastructure-as-code, implementing **ALB** for load balancing.
- Integrated **RabbitMQ** for asynchronous communication between microservices and email dispatching.
- Improved performance through code refactoring, **Redis caching**, and **database query optimization**, reducing response times significantly.
- Automated **CI/CD pipelines** with **GitLab CI** and **Jenkins**, reducing deployment time and improving release cycles in a **containerized environment**.

PROJECTS

Harmony with Heart - Mobile App | **AWS, Docker, Kubernetes, Terraform, Ansible, Jenkins, Apache Kafka**

- Developed application for Android/iOS using React Native, with Node.js & TypeScript back-end and MongoDB for events and user data management.
- Integrated Firebase for real-time data sync, push notifications, and AWS services (Route 53, ECS Fargate, Load Balancer, CloudFront) for optimized performance and scalability.
- Utilized Terraform for IAC, ensuring efficient deployment and management of cloud resources.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Nodejs
- **Front-End Frameworks:** React, React Native
- **Back-End Development:** Microservices, RESTful & REST APIs, NestJS
- **Database Management:** PostgreSQL, MongoDB, Firebase
- **Development Methodologies:** Agile, SOLID design principles, TDD
- **Build and Deployment:** AWS, Azure, CI/CD, Terraform, Kubernetes, Jenkins, RabbitMQ, Docker, Kafka, Linux

EDUCATION

- **Bachelor in Computer Science** (Credits Transferred) - Algoma University, Toronto   Jan 2022 - Dec 2022
- **Postgrad. Cert. in Cloud Computing** - Humber College, Toronto   Jan 2023 - Sep 2023