Shaun Sequeira

437-971-7883 | shaun.sequeira88@gmail.com | linkedin.com/in/shaunsequeira08 | github.com/knat01

EXPERIENCE

Full Stack Developer   August 2022 – August 2023
Royal Bank of Canada   *Toronto, ON*

- Developed an application that streamlined the transfer of large data volumes from local storage to AWS S3 and Snowflake, reducing data retrieval times by **30%** through the implementation of multiple CI/CD pipelines
- Developed and implemented an application that automated the data transfer permissions process, reducing the turnaround time from **one week to immediate action**, enabling instant file transfer to AWS S3 and Snowflake and significantly accelerating data migration workflows.
- Enhanced database performance by optimizing SQL queries and schema design in Postgres, resulting in a **20% improvement** in data retrieval efficiency and supporting complex data operations for a user base of **1,000+**
- Developed and engineered a React-based web platform with an intuitive and user-centric interface, achieving a **25% increase** in user engagement. Collaborated with designers to create polished UI components and leveraged modern JavaScript frameworks to enhance functionality.
- Demonstrated proficiency in Docker by containerizing three key applications, which led to a **50% reduction** in deployment times and improved scalability across the company's product suite

AI Platform Engineer   August 2023 – Present
SAIA   *Toronto, ON*

- Pioneered the development of proprietary AI models, directing a team of engineers from architecture design to deployment, resulting in a modular AI platform
- Fine-tuned specialized language models, improving model performance by **40%** for tasks such as sentiment analysis and content generation, thereby enhancing the platform's adaptability and performance.
- Strategized the integration of Large Language Models (LLMs) into our suite of tools, which enhanced processing efficiency by **50%** and accuracy by **35%** for client applications in content curation.

EDUCATION

Toronto Metropolitan University   Toronto, ON
Bachelor of Science Computer Science   *Aug. 2019 – Present*

PROJECTS

Shopify E-Commerce Store | *Shopify, JavaScript, Liquid*

- Launched a successful online E-commerce business on Shopify with a diverse range of product varieties
- Enhanced storefront UX/UI by customizing with Shopify's Liquid Template Language and JavaScript, leading to a **35% increase** in customer retention rate.
- Leveraged social media marketing strategies across platforms like TikTok, Facebook, and Instagram, employing targeted content and ad campaigns to engage with diverse demographics, which resulted in a **30% growth** in social media referral traffic
- Applied SEO best practices to product listings, achieving a **40% uptick** in organic traffic and top search engine rankings for key categories.

React Reddit Web-Scraper | *React, Reddit API, HTML, CSS*

- Developed a dynamic React component for scraping and presenting top Reddit posts in real-time, enhancing user engagement through an interactive and responsive interface.
- Implemented efficient data retrieval from Reddit's API, mapping user queries to subreddit JSON files and streamlining content delivery with hyperlinked results.

TECHNICAL SKILLS

Languages: Python, JavaScript, Typescript, SQL, HTML, CSS, PHP, Liquid, MATLAB, Java, Shell, Assembly
Frameworks/Libraries: Node.js, Boto3, React, FastAPI, Flask, LLAMA 2, CodeLLama
Infrastructure: Amazon S3, Kubernetes, Shopify, Postgres, MS Office, Wordpress, Docker, AWS Lambda, LMStudio
Developer Tools: VS Code, Github, Jupyter Notebooks, ChatGPT, Cursor IDE