Umer Kazi

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EXPERIENCE

Development Lead
September 2024 – Present

AskCipher
Toronto, ON

- Developed a performant and scalable **Next** frontend with custom **TailwindCSS** components, leveraging **SSR** and **RSC**, achieving exceptional load times and seamless UX for **500+** active users.
- Architected and deployed a secure, highly scalable backend infrastructure on **GCP** using containerized **FastAPI** microservices on **Kubernetes**, complete with real-time streaming, robust **CI/CD** pipelines, and automated monitoring, ensuring compliance and **99.99%** uptime.
- Engineered a sophisticated **agentic AI** service utilizing **LangGraph**'s LLM-based state graph model to automate complex workflows, orchestrate intelligent real-time integrations, and deliver proactive, context-aware interactions, significantly elevating user engagement and operational efficiency.

Software Engineer
May 2024 – August 2024

Wayfair
Toronto, ON

- Improved and enhanced the functionality of our **Backstage** instance by targeting workflow idempotence, reducing user errors by **15%**, and automating processes leading to a **25%** increase in overall efficiency.
- Implemented **SLI** and **SLO** monitors for company-wide services in **GCP** via **Datadog**, resulting in a **99.99%** uptime track record for critical infrastructure and services.
- Optimized workflow integration with **Terraform**, **Kubernetes**, **Vault**, **Buildkite**, **Consul**, and **Unbound**, streamlining deployment pipelines and reducing deployment time by **30%**.

Software Developer
January 2024 – April 2024

Appficiency
Toronto, ON

- Spearheaded the development of a tailored solution to enhance document delivery for the sales and marketing team. Utilized **Firebase**, **NextJS**, **GCP**, and **TypeScript** to streamline workflows and serve over **200** active users.
- Developed a field services application for the construction industry, leveraging **NextJS**, **CapacitorJS**, **Firebase**, **Node/Express**, and the **NetSuite REST API**. The intuitive mobile interface enhances operational efficiency with offline functionality and direct integration with **NetSuite** through a custom **SOAP/TypeScript** wrapper.

Software Developer
May 2023 – August 2023

Vyana
Toronto, ON

- Developed and delivered **5** software products in various industries ranging from Prop-Tech to Regulatory Compliance, leveraging technologies such as **NextJS**, **React Native**, **Typescript**, **MUI**, **DynamoDB**, **NestJS**, **Postgres**, and **Docker** to create end-to-end solutions for clients.
- Spearheaded the contract acquisition and development of a custom regulatory compliance tool for an international organization, directly managing and working alongside 3 developers to deliver the solution.

Software Developer
September 2022 – December 2022

Siemens
Waterloo, ON

- Developed the Workplace Connect App, responsible for the web application, third-party integrations, and backend environment. Leveraged **Vue.js, TypeScript, Vite** and **GraphQL** to implement **15** key features.
- Developed a Slack integration using the **Slack API** and **Bolt JS** to connect with a **DynamoDB** backend, ensuring robustness through comprehensive unit testing with **Jest** and **Cucumber JS**.

Junior Web Developer
January 2022 – April 2022

Bitbuy
Toronto, ON

- Enhanced the production web application by contributing over **100** updates, including optimizations, bug fixes, and new features using **React Gatsby**. Engaged in content delivery with **Drupal**, **Pantheon**, and **WordPress**, back-end enhancements with **Postgres** and **AWS Amplify**.

Software Developer
May 2021 – August 2021

Year Zero Studios
Toronto, ON

- Team lead for the Mental Health Score project, responsible for developing, managing, and marketing this tool. Created a full-stack web application, leveraging **TypeScript**, **React**, **Material-UI**, and **Firebase**.

EDUCATION

University of Waterloo
Waterloo, ON

Bachelor of Mathematics in Mathematical Studies, Minor in Computer Science