

# Umer Kazi

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## EXPERIENCE

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### Software Developer

*Appficiency*

September 2024 – Present

*Toronto, ON*

### Software Engineer

*Wayfair*

May 2024 – August 2024

*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 **99.9%** uptime track record for critical services.
- Optimized workflow integration with **Terraform**, **Kubernetes**, **Vault**, **Buildkite**, **Consul**, and **Unbound**, streamlining deployment pipelines and reducing deployment time by **30%**.

### Software Developer

*Appficiency*

January 2024 – April 2024

*Toronto, ON*

- Spearheaded the development of a comprehensive full-stack solution to enhance document delivery for the sales and marketing team. Utilized **Firebase**, **NextJS**, **GCP**, **TypeScript**, and custom components 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 native integration with **NetSuite** via a custom **TypeScript** wrapper for data interaction.

### Software Developer

*Vyana*

May 2023 – August 2023

*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

*Siemens*

September 2022 – December 2022

*Waterloo, ON*

- Responsible for the development of the Workplace Connect App, contributing to the web application, third-party integration, and back-end environment, leveraging **Vue.js**, **TypeScript**, **Vite** and **GraphQL** to implement **over 15** new 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**. Additionally, created a **Python**-based recommendation model using **surPRISE** to analyze user data and provide tailored out-of-office event suggestions.

### Junior Web Developer

*Bitbuy*

January 2022 – April 2022

*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**, and the development of a neural network-based fraud detection tool using **TensorFlow** in **Python**.

### Software Developer

*Year Zero Studios*

May 2021 – August 2021

*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

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### University of Waterloo

*Candidate for Bachelor of Mathematics in Mathematical Studies, Minor in Computer Science*

*Waterloo, ON*

*Sep 2020 – April 2025*