

Ayush Kaushik

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Work Experience

OpenText Carbonite Software Developer

Mississauga, ON
Jul 2021 – Present

- Developed and maintained large-scale software application using **.NET framework**
- Demonstrated quick learning by debugging and fixing complex issues within **4-6 months** on the job
- Facilitated daily scrum duties as an interim **Scrum master** for **2 weeks**
- Ensured code quality by participating in code-reviews and writing **unit** and **integration** tests

Tekside.io DevOps Developer

Guelph, ON
Jan 2019 – June 2021

- Developed a request ticket system utilizing **ReactJS**, **Express**, **Slack API** and **Zammad API** resulting in significant increase in feedback speed and improved communication with key external clients
- Implemented automated pipelines using **Jenkins** with **Docker** resulting in dramatic reduction of deployment time from **6-8 hours** to **15 minutes**; significantly increasing efficiency and productivity of the team
- Designed and developed a **Jenkins shared library** and built custom classes using object-oriented concepts to replace of stages and steps seamlessly for testing, build, and deployment

Projects

Tekside.io Admin Web Portal

Guelph, ON
Sept 2018

- Developed a portal for service administrators using **NodeJS**, **Vanilla JavaScript** and **MySQL** to manage large volumes of user subscription data
- Designed a frontend to remove human errors caused by manually running SQL queries in production database
- Implemented a login module and authorization middleware to track user activity

Tekside.io Time Entry Report Generator

Guelph, ON
April 2021

- Created a **REST API** service with **Express** and **NodeJS** to collect and sanitize daily time entries for all employees from an existing time-tracking system and migrate them to a new system
- Generated **CSV** files from collected data and notify users upon process completion via **Slack** message builder
- Improved service performance by reducing the number of requests made to the external API from **1000+** to only **200**
- Reduced the time taken to process **2 years** of employee time entries from **20 minutes** approximately to **8-10 minutes** only

External Projects

Give Care HackRX2022 Hackathon

July 2022

- Developed a tool for caregivers to oversee vaccines, medications, lab tests, and appointments of their loved ones by connecting them with pharmacists. This project placed **third** in HackRX2022 among approximately **12 submitted projects**
- Demonstrated effective time management skills by successfully transitioning from brainstorming stage to working prototype **within 48 hours**

External Projects Continued

Give Care

- Lead a team of two developers by created guidelines for pull requests and delegated tasks for project work to ensure timely completion of tasks and smooth functioning of team
- Designed the database schema in **MySQL** and developed backend using **NodeJS** and **Express**
- Learned the basics of **Twilio API** in **3 hours** and utilized it for a key messaging feature

Compliance Pack Tracker

May 2020

- Devised a web-based solution for pharmacies to digitally track and collect their patient's compliance packs instead of maintaining hand-written records
- Translated the hand-written forms into **MariaDB schema** and built an API in **NodeJS** to perform **CRUD** actions on it
- Built a simple web interface using **Vanilla JS** and **HTML** for staff to seamlessly transition to a new method of data entry
- The system automatically calculates the next delivery date based on existing entry so the staff can focus on patient care
- Designed an easy-to-use report generator module that helps pharmacists to keep physical copies of entries for legal work

Skills

C#, JavaScript, Python, Java, NodeJS, React, .NET, Visual Studio, Visual Studio Code, Git, Jenkins, Docker, Black box and White box testing, Unit testing and Integration testing, Agile development, Scrum methodology

Articles

Firestore Auth + React

- Self-learned and researched Firestore authentication workflow for Single Page Application built using React
- Documented the process in a step-by-step article for readers to follow and received positive feedback from readers

React + GitHub = Professional Portfolio Website

- Designed a process to create dynamically updating portfolio website using **GitHub API**, **Dev.To** and **React**
- Found a no-cost solution to host the website using GitHub pages and insert images dynamically using Dropbox
- Documented the entire process in an easy-to follow article

Education

University of Guelph

Bachelor of Computing, Honors, Major in Software Engineering, Minor in Marketing

Guelph, ON

Sep 2015 – April 2020

- Placed in Dean's honors list (Fall Semester 2015, Winter Semester 2016, 2017 and 2018)
- Acquired 96% grades in Software Development and Integration course