

Parampreet

✉ psbhatia@uwaterloo.ca
🐙 github.com/psbhatia
🌐 linkedin.com/psbhatia26

EDUCATION

University of Waterloo

Bachelor of Applied Sciences, Computer Engineering

Term 3B

EXPERIENCE

Buckzy Payments

Sep 2020 – Dec 2020

Backend Developer

Toronto, ON

- Developed two new Spring Boot Microservices from ground up to integrate partner payment gateways
- Set up and deployed Elasticsearch, Logstash and Kibana logging system for multiple services
- Responsible for triaging issues across multiple services and setting up a system to alert developers when these happen using Kafka messages
- Worked on a querying service to check the status of payments with partner payment gateways

Insticator

Jan 2020 – Apr 2020

Backend Developer

Waterloo, ON

- Developed tooling in the form of a maven repository to expedite reporting of business exceptions
- Integrated multiple third party RESTful APIs to our existing Play Framework Java Backend
- Developed proof of concept for processing of exceptionally large CSV files using streaming libraries to optimize run time by over 100%
- Regularly pushed new features and bug-fixes to production environment with tight deadlines

OpenText

May 2019 – Aug 2019

Software Developer

Waterloo, ON

- Modernized legacy APIs to RESTful ones so they could be integrated with our new web application
- Improved page render times by optimizing existing API calls
- Implemented complex SQL queries on very large datasets with a focus on efficiency
- Increased test coverage by 20% by structuring and implementing a new unit testing library

PROJECTS

Image Repository

Created a spring application that can upload, download and search for images on an AWS (Amazon Web Services) S3 bucket

Database Systems Project

Designed a MySQL database which can be queried using a Python CLI for an internet traffic dataset from Kaggle

Operating Systems Project

Designed and implemented a small Real-Time Executive for an ARM based Intel board (C and Assembly)

Conways Game of Life

Simple implementation of Conways Game of Life as an exercise to learn Javascript