

Ayman Shafi

aymanshafi01@gmail.com ❖ (778) 321-9267 ❖ linkedin.com/in/ayman-shafi/ ❖ Burnaby, BC

WORK EXPERIENCE

Speedline Solutions Inc.

May 2023 – Aug. 2023

Software Developer Co-Op

Abbotsford, BC

- Deployed a dynamic product carousel with smooth transitions and dynamic content loading, utilizing **TypeScript, ReactJS**, Redux, and deployed using CloudFormation - minimizing support tickets by 15%
- Enhanced site performance with lazy loading and caching; executed exhaustive UI tests using Cypress and Jest

Blackhawk Network Pvt. Ltd.

Aug. 2021 – Aug. 2022

Associate Software Engineer

Bengaluru, India

- Revamped a critical monetary ETL system by transitioning it into REST APIs using Python (**Django**) for real-time synchronization and achieved a time reduction from 1 day to under 1 second
- Accelerated software delivery via **Jenkins** pipeline optimization, achieving a 30% reduction in deployment time and generated automated code reviews to improve test coverage by 15%
- Leveraged Splunk and New Relic with distributed tracing to hotfix production issues, earning an applause award

Deloitte

Sep. 2020 – Aug. 2021

Data Engineer

Bengaluru, India

- Collaborated on the implementation of data load jobs for analytic dashboards, leveraging Python, **AWS** (S3, Athena, Glue), and **C++**

Cimplyfive Corporate Services Pvt. Ltd.

Jan. 2020 – Aug. 2020

Software Development Intern

Bengaluru, India

- Developed a Python application to automate business record classification, resulting in a 30% increase in accuracy and reducing processing time by 95%, while employing open-source PDF parsing and OCR libraries

EDUCATION

Simon Fraser University

Grad. Dec. 2023

Msc. in Professional Computer Science (CGPA - 3.89/4.00)

Burnaby, BC

- Received the runner-up award in the Big Data Innovation Competition 2023

Visveswaraya Technology University

Grad. Aug. 2020

Bachelor of Engineering in Computer Science (CGPA - 8.16/10.00)

Bengaluru, India

- Core team - Google Dev Student Club; Mentored 40 teams over 3 different hackathons
- Led the basketball team to consecutive victories in the state-wide VTU Inter-College tournament

FREELANCE AND PROJECT WORK

- **Backend Developer (Infyni):** Optimized an **ecommerce** platform's backend (12,000+ Daily Active Users) with Django enhancements, targeted database optimizations, and Jinja templating—cutting server response times by 20%.
- **Dynamic Sentiment Analysis Dashboard for Amazon Retail:** Engineered a dashboard for real-time product reviews, utilizing pyspark-ML, AWS Lambda, and EMR for data-driven insights

SKILLS & INTERESTS

- **Programming Languages:** Python, JavaScript, TypeScript, C++, Java, SQL, PHP, HTML, CSS
- **Frameworks:** Django (with Jinja), ReactJS with Redux, Flask, Express.js, jQuery
- **Databases:** PostgreSQL, Oracle, MongoDB, DynamoDB, Cassandra
- **Amazon Web Services:** S3, EMR, EC2, Athena, CloudFormation, Glue, Lambda, Redshift
- **Tools and Automation:** Git, Linux, Bash, Jenkins, Docker, RabbitMQ, Shell Scripting, Perl, Jest, Cypress, Splunk, New Relic, Selenium, Jira
- **Interests:** Sports; history; philosophy; cooking; YouTube; The Office (US)