

Abdul Rafay Khurram [LinkedIn](#) rafaykhurram@live.com arkb25@student.ubc.ca ❖ +1 (778) 907-1697

EDUCATION

The University of British Columbia

Expected Graduation Year: 2026

Bachelor of Science in Computer Science

Relevant Courses: Models of Computation, Software Construction, Computer Systems, Algorithms & Data Structures

Emirates International School (IB Diploma)

Graduating Class of 2021

20/21 overall in higher level subjects

PROJECTS

Amazon Marketplace Analytic Software

- Engineered an Amazon Marketplace tool, enhancing seller operational efficiency by 35%.
- Implemented an algorithm predicting ASIN trends, leading to a 50% reduction in overstock.
- Enabled multi-format data integration, including SQL and JSON, improving data retrieval times by 40%.

High-Performance Media Distribution Platform

- Orchestrated an Ombi-integrated media server, automating over 1,000 weekly metadata-rich downloads using advanced scripting.
- Leveraged DHT protocols to index 10,000+ peer-to-peer assets, facilitating Radarr and Sonarr for automated content retrieval.
- Administered a robust NGINX server architecture, seamlessly streaming a 50 TB digital Blu-ray archive to 150+ users.
- Engineered multi-user profile management for 200+ accounts, ensuring optimal user engagement and platform reliability.
- Enhanced system resilience with SSH-powered Raspberry Pi commands, slashing downtime by 90% through proactive network management.

WORK EXPERIENCE

Faaz Consulting (Prime Contractor for IBM)

May 2023 – Sept. 2023

Software Engineer (Contractor)

Maryland, USA

- Contributed to the agile development of an IBM application, reliably meeting deadlines and client specifications.
- Enhanced application features, focusing on user interface improvements and high-quality code standards.
- Collaborated with DevOps and QA teams to refine the deployment process, achieving a 20% uptick in efficiency.
- Expanded technical proficiency in Java, Python, JavaScript, SQL, and Swift, and utilized Git and JUnit to ensure robust code quality.
- Assisted in streamlining development workflows, incorporating automated testing, which resulted in a 30% reduction in bugs and improved productivity.

Codebase Technologies

June 2022 – August 2022

Internship

Dubai, UAE

- Collaborated closely with marketing and sales, enhancing my Fintech acumen, including SaaS, BaaS, and APIs, and impacting product direction in a team of 20+.
- Dived into cloud solutions and banking technologies, contributing to 3 major project proposals that reshaped the company's tech strategy.
- Produced and delivered 10+ marketing briefs, fostering effective communication and strategy alignment across departments.
- Analyzed marketing trends using Google Analytics, leading to a 15% improvement in campaign targeting and a 10% increase in engagement metrics.

KASE Trading LLC

Jan. 2021 – April 2023

Founder & Sole Manager

Delaware, USA

- Initiated KASE Trading LLC, optimizing product algorithms and enhancing supplier algorithms to improve efficiency.
- Executed digital marketing strategies, including SEO and targeted ads, achieving a 40% sales increase through data-driven decisions.
- Oversaw financial models and analytics, maintaining a cost-effective operation while safeguarding brand through strategic IP management.
- Spearheaded rapid growth in a tech-driven marketplace, securing a competitive edge within two years through innovative solutions.

SKILLS

Java, C, C++, Python, R, JavaScript, SQL, HTML, Swift, CSS, Git, JUnit, unRAID, Swing