




# Abdul Rafay Khurram

 <https://www.abdulkhurram.com>

 +1 (778) 907-1697

 rafay@abdulkhurram.com

 [github.com/arkb75](https://github.com/arkb75)

 [linkedin.com/in/arkb](https://linkedin.com/in/arkb)

## Relevant Experience

### UBC Emerging Media Lab

Vancouver, BC, Canada

Software Developer

Sept. 2024 – Present

- Contributing to the development of a VR application that enhances nursing education, focusing on interactive clinical simulations using AI technologies.
- Collaborating with a team to integrate immersive 3D environments, ensuring a realistic user experience for healthcare students.
- Assisting with early-stage prototyping and testing, providing technical input to refine key features.

### Faaz Consulting

Maryland, USA

Software Engineer

May 2023 – Sept. 2023

- Led the development of client applications in Java and Python, improving UI responsiveness by 30%.
- Enhanced legacy systems with new UI features using Vue.js and JavaScript, increasing user engagement by 15%.
- Automated DevOps processes with Jenkins and Docker, reducing deployment times by 20%.
- Delivered software enhancements for enterprise clients, adhering to strict deadlines and project specifications.

### Codebase Technologies

Dubai, UAE

Marketing Intern

June 2022 – August 2022

- Collaborated with marketing and sales to deepen Fintech knowledge in SaaS, BaaS, and APIs, shaping product direction for a 20+ member team, improving sales by 15%.
- Contributed to 3 key project proposals, driving the company's tech strategy in cloud and banking technologies, leading to a 10% increase in customer engagement.

### KASE Trading LLC

Delaware, USA

Founder & Sole Manager

Jan. 2021 – April 2023

- Boosted efficiency by optimizing product and supplier algorithms, leading to a 40% increase in sales.
- Managed financial models and IP, ensuring cost-effective operations and rapid growth in a tech-driven marketplace.

## Relevant Technical Projects

### Constructify

Personal Project

May 2024 – Present

- Built an A-Z home-building platform with transparent project tracking and a service provider marketplace, targeting aspiring homeowners and construction firms.
- Developed a responsive frontend using Vue.js and Vite, optimizing load times and performance, with plans to use Django for the backend to handle scalable data management.
- Designed an intuitive UI/UX through targeted user research and iterative testing, leading to a 25% reduction in user onboarding time.

### Real Estate Management Platform

Academic Project

July 2023 – August 2023

- Developed a platform for seamless real estate transactions and property management, integrating service providers like inspectors and contractors.
- Designed and implemented a SQL database with OracleDB to model classes, utilizing ISA relationships for efficient querying and data manipulation.
- Created and managed API endpoints with Express.js, ensuring asynchronous processing to handle multi-user requests and streamline property listing management.

## Skills

**Languages:** Java, Python, JavaScript, C/C++, SQL, HTML/CSS, Swift, R | **Frameworks:** React.js, Vue.js, Express.js, Django | **Tools:** Git, OracleDB, JUnit

## Education

The University of British Columbia

Vancouver, BC

Bachelor of Science in Computer Science (Expected Graduation: 2027)

UBC Science Co-op



[science.coop@ubc.ca](mailto:science.coop@ubc.ca) | 604-822-9677