





# Abdul Rafay Khurram

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## Experience

### UBC Emerging Media Lab

Software Developer

Vancouver, BC, Canada

Sept. 2024 – Present

- Developed AR/VR experiences and AI applications, collaborating with faculty, students, and staff to create educational technologies.
- Applied tools like Unreal, Unity, and 3D modeling software. Participated in project management and technical documentation efforts.

### Faaz Consulting

Software Engineer

Maryland, USA

May 2023 – Sept. 2023

- Contributed to IBM application development by implementing client requirements and consistently meeting deadlines.
- Enhanced UI features, refining designs, and ensuring high code quality through rigorous testing.
- Automated processes with DevOps and QA teams, improving deployment efficiency by 20%.

### Codebase Technologies

Marketing Intern

Dubai, UAE

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

Founder & Sole Manager

Delaware, USA

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.

## Technical Projects

### Constructify (W.I.P)

May 2024 – Present

Personal Project

- Built an A-Z home-building platform with transparent project tracking and a service provider marketplace.
- Built a responsive frontend using Vue.js and Vite, optimizing load times and performance, with plans to use Django for the backend.
- Designed an intuitive UI/UX through targeted user research and iterative testing.

### Real Estate Management Platform

July 2023 – August 2023

Academic Project

- Developed a platform for seamless real estate transactions and property management.
- Designed and implemented a SQL database with OracleDB to model classes, utilizing ISA relationships.
- Created and managed API endpoints with Express.js and asynchronous processing to handle multi-user requests and data interactions.

### Amazon Marketplace Analytic Software

Sept. 2022 – December 2022

Academic/Personal Project

- Engineered an Amazon Marketplace tool to predict ASIN trends, improving seller efficiency by 35% and reducing over-stock by 50%.
- Enabled multi-format data integration, including SQL and JSON, improving data retrieval times by 40%.

## 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



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