




Abdul Rafay Khurram

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Relevant Experience

Software Developer

UBC Emerging Media Lab

Vancouver, BC, Canada

Sept. 2024 – Present

- Leading a team in 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.

Software Engineer

Faaz Consulting

Maryland, USA

May – 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.

Marketing Intern

Codebase Technologies

Dubai, UAE

June – 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.

Founder & Sole Manager

KASE Trading LLC

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.

Relevant Technical Projects

Constructify

May 2024 – Present

Personal Project

- 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

July – August 2023

Academic Project

- 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, TypeScript, C/C++, SQL, HTML/CSS, R | **Frameworks:** React.js, Vue.js, Express.js, Django
Tools: Git, OracleDB, MySQL, JUnit | **Testing:** Unit, Integration, End-to-End, Smoke, A/B

Education

The University of British Columbia

Vancouver, BC

Bachelor of Science in Computer Science (Expected Graduation: 2026)

UBC Science Co-op



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