Abdul Rafay Khurram

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Relevant Experience

Software Developer — **Vancouver, BC, Canada**
UBC Emerging Media Lab — *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 — **Maryland, USA**
Faaz Consulting — *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 — **Dubai, UAE**
Codebase Technologies — *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 — **Delaware, USA**
KASE Trading LLC — *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 – 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: 2026)

UBC Science Co-op

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