Abdul Rafay Khurram

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Experience

UBC Emerging Media Lab   **Vancouver, BC, Canada**
Software Developer   *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, participating in project management and technical documentation efforts.

Faaz Consulting   **Maryland, USA**
Software Engineer   *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   **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.
- Contributed to 3 key project proposals, driving the company's tech strategy in cloud and banking technologies.

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.

Technical Projects

Constructify (W.I.P)   **Personal Project**
May 2023 – Present

- 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   **Academic Project**
July 2023 – August 2023

- 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   **Academic/Personal Project**
Sept. 2022 – December 2022

- Engineered an Amazon Marketplace tool to predict ASIN trends, improving seller efficiency by 35% and reducing overstock 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)