

Umar Khan

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EDUCATION

University of Calgary

B.S. in Software Engineering

Calgary, Alberta

Expected Graduation, 2026

EXPERIENCE

MBC Shahid

Product VOD Intern

Dubai, United Arab Emirates

July 2025 – September 2025

- Enhanced user experience and customer journey flows by redesigning navigation and subscription pathways across web and mobile platforms.
- Delivered new product features, including TVOD and À La Carte offerings, improving monetization strategies and content accessibility.
- Conducted market research against regional and global streaming competitors, providing insights that shaped product development priorities.
- Presented revamped product models and prototypes to product managers and department leads, influencing adoption of scalable design solutions.
- Worked within a corporate software team structure, collaborating with product managers, designers, and engineers to improve user experience and customer journey flows.

Al Arabiya News Channel

Software Developer Intern

Dubai, United Arab Emirates

June 2024 – July 2024

- Built frontend and middleware for internal tools using Next.js, React, and Tailwind CSS, streamlining team workflows and enhancing UI responsiveness.
- Designed backend services with Prisma ORM and MongoDB, ensuring efficient data handling and scalability across internal platforms.
- Developed iOS and Android applications in Swift and Kotlin, applying platform-specific UX standards for consistent multi-device experiences.
- Contributed in an Agile development team, participating in daily standups and sprint planning to deliver production-ready features on time.

PROJECTS

Texting Web & Mobile Application

Personal Project

Calgary, Alberta

March 2025 – Ongoing

- Developing a real-time web and mobile chat application for seamless communication.
- Building the frontend using Next.js 15, React, ShadCN UI, and Tailwind CSS v4 to ensure a modern, responsive user interface, with AI components for user experience.
- Implementing a scalable backend with Node.js and integrating WebSockets for instant messaging.
- Designing a secure authentication system and optimizing performance for a smooth user experience.

SKILLS

Programming:	Java, Python, JavaScript, TypeScript, HTML, CSS, SQL, C++, C, UML, Socket Programming (TCP/IP, UDP), R
Technical:	Software Design and Development, Machine Learning, Object Oriented Design, Data Structures & Algorithms, Unit Testing, UI/UX Design, Data Science, REST APIs, Bash Scripting, Python Scripting, Shell Scripting
Frameworks/Libraries:	React.js, Node.js, Next.js, Tailwind CSS, Flask, Angular, Django, Pandas, Scikit-learn, MongoDB, Prisma

AWARDS

Google's Certification in Data Analytics
Alexander Rutherford Scholarship
2nd Place in Engineering Design
Best Mechanical Design by SAIT

March 2025
August 2021
April 2019
Feb 2017