

# Muhammad Moosa Hashim

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Dedicated and experienced Computer Science graduate with a passion for digital innovation and project management. Seeking to apply my skills and experiences to a challenging role in the tech industry.

## Education

Institute of Business Administration | Bachelor of Computer Science  
Nixor College | A Levels

Aug 2019 – May 2023  
Aug 2017 - Aug 2019

## Work Experience

### Hilal Invest - Product Owner

May 2022 - Nov 2022

- Assisted the launch of **Pakistan's inaugural digital platform for Islamic investments, managing deliverables** as the **Scrum Master** using **Jira** and streamlined **SECP regulatory onboarding processes**.
- Pioneered **integration processes** for third-party Asset Management Companies, redefining internal workflows with **Mural** for effective business process visualization.
- Informed platform development and **user journey optimization** through comprehensive competitor analysis and time, impression-based benchmarking using **Figma**.

### Commuovere Tours - CoFounder | Head of Sales

Oct 2020 - Feb 2022

- Co-founded and managed a student-run travel agency, generating **PKR 7 mil+ in revenue**, across **1200+ clients**.

### Nixor College - Elected Vice President

Sep 2018 - July 2019

- Demonstrated strong leadership and community impact by **raising a PKR 2.4 mil scholarship fund**.
- Implemented a restructure of an internal taxation system resulting in a **210% increase** in collection.
- Spearheaded a **PKR 3 mil campus renovation**.

### Final Year Project | Learning Management System

Team Lead, Backend Engineer

- Led a team to build a **Learning Management System** with **MongoDB, NodeJS, Express, and Flutter**.
- Crafted a **robust database schema** for optimal data management and incorporated strong security measures including **authentication, authorization, and encryption** to safeguard user data.
- Developed **API endpoints** for seamless front-end interaction and **deployed** the application on **Vercel**.
- Integrated **Cloudinary for file hosting**, enabling efficient and secure handling of user-uploaded files.

## Projects

- Led **backend** development, **database design** & security for a gamified social media platform, on **MERN stack**.
- Crafted multiple games including a top-down Space Plane shooter and a rogue-like dungeon crawler, both utilizing **C++**, **SDL2.0** game engine, and advanced gaming mechanics.
- Developed a **cross-platform** platform-game using **Flutter** and **Flame**, adhering to **MVC architecture**.
- Constructed a Java game portal featuring user registration, friend-network, and games like Flappy Bird and Snake, leveraging data structures like **HashMaps, arrays, and linked lists**.
- Presented on responsive design and advanced widget usage to 100+ attendees at a Google endorsed Flutter event.

## Social Work & Community Involvement

### Mask Banao - Public Relations & Outreach

- Aligned **welfare drives across 33 villages** and districts to **distribute 120,000 masks**.
- Launched a digital media campaign garnering **20 mil impressions**.
- Formed partnerships with Careem, Engro, Municipal Government for outreach and fundraising.

### Grand Citizens NGO - Chief Operating Officer

- Managed **150+ volunteers** to **raise over PKR 10 mil** in donations to annually organize 30 ration drives, providing **10,000 meals**.
- Distributed **1000+ sleeping bags** during winters to date.

### Gilgit Baltistan Revival Project - Team Lead

- Coordinated 55 students in **building an all-girls school in Gilgit**, managing shifts, meal plans and on-site ops.

## Awards | Skills, Hobbies & Interests

**Awards** - Global Futures Fellowship Scholarship Award | Featured on Dean's Wall | Academic Excellence Award.

**Skills** - Java | C++ | Flutter | Dart | Mobile & Web App Development | SDL2.0 | NodeJS | Mongoose | Public Speaking

**Hobbies & Interests** - Dota 2 | Table Tennis | Anime & Manga | Calisthenics | Chess