Muhammad Rohan Hussain

House 422, Street 27, Overseas B, Bahria Town, Lahore
Call/SMS: 0332-0460729 | WhatsApp: 03025474222
Email: 22100063@lums.edu.pk
Date of Birth: 10-March-1999

EDUCATION

Lahore University of Management Sciences   Sept 2018- May 2022
BS in Computer Science- **CGPA 3.29**
Relevant Courses: Computer Networks, Advanced Programming, Network Security, Operating Systems

EXPERIENCE

Institute of Emerging Careers
Tech Expert, Lead Software Developer   Dec 2021 - Present
Creating a feature-rich LCMS for the organization in **Node-Express-React** delivering features incrementally. Deployed on **AWS EC2**, automated emails with Office365. Leading other developers in the process of the development of other systems, where each system caters to one part of the organization lifecycle, and all systems work with each other in harmony.

OpenData Pakistan (opendata.com.pk)
Team Lead, Software Engineer   Aug 2021 - Present
Customized and developed the **open source CKAN** project, built custom plugins and themes, managing a team of 3 developers, updating the production AWS EC2 instance from CKAN 2.8 to CKAN 2.9. Also acted as **Senior Year Project**.

KICKSAT Preparations
Co-Founder   Apr 2019 – Aug 2020
Co-founded KICKSAT for making SAT Preparation accessible to students from low-income backgrounds. Ran several campuses, taught SAT Math, managed a team of employees. Taught 300+ students, many of whom are now in LUMS and Universities abroad.
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PROJECTS

- **Assessments System**: An EdTech platform for the Institute of Emerging Careers
- **RESTful API for Apnay Rung**: Software Engineering course project | made the backend API to a frontend React app
- **Blockchain Messaging App (Python):** Received Masters Opportunity from Germany in Blockchain after this
- **Clinic Management System:** Made in 2015 for a local clinic with the vision of making it an EMS-as-a-Service website
- **Distance-Vector Routing Algorithm:** Made for an assignment for the Network-Centric Computing Course at LUMS

ADDITIONAL SKILLS AND EXPERIENCE

- NodeJS, Express, JavaScript (Asynchronous), ReactJS, PostgreSQL, Sequelize ORM
- PHP, Laravel (MVC), WordPress, Python Web Development, Multi-threaded programming
- C/C++, Object-Oriented C++
- Figma Prototyping for UI Design
- Adobe AfterEffects, Adobe Illustrator, Adobe Photoshop, DaVinci Resolve 16
- Proficient with Microsoft Word, PowerPoint, Excel, Google Sheets

HONOURS AND AWARDS

- Listed in Book "101 Brilliant Students of Lahore" by FAIDA Foundation in 2016

EXTRA CURRICULAR

LUMS Media & Arts Society (LMA) | FILUMS International Film Festival
- *Director of IT & Creativity*   May 2019 – May 2020
- Manage a team of Graphics Designers and Illustrators, create a brand identity for the FILUMS International Film Festival held each year at AlHamra Lahore. Maintaining and developing the websites of LMA and FILUMS.

INTERESTS

- Urdu-English Literature, Modern Fiction & Modern Poetry
- Philosophy & Theology
- Languages (Persian)
- Sports (Table tennis)