Muhammad Rohan Hussain

Website: www.rohanhussain.com | LinkedIn: linkedin.com/in/rohan-hussain
Email Addresses: contact@rohanhussain.com, 22100063@lums.edu.pk
Call/SMS/WhatsApp: 0332-0460729, 0302-5474222 | Address: Bahria, Lahore

---

EDUCATION

BS Computer Science | Lahore University of Management Sciences (LUMS)　　Sept 2018- May 2022
CGPA 3.3 | Relevant Courses: Advanced Programming, Algorithms, Software Engineering, Object-Oriented Programming, Operating Systems, Computer Networks, Network Security

EXPERIENCE

Full Stack Software Engineer | Educative Inc. *(visit website)*　　Aug 2022 – Present
NextJS | ReactJS | Redux | TailwindCSS | Redis | Python Flask | Selenium | Google Cloud Platform (GCP) | Google Cloud Datastore | Jest | React Testing Library | Jest Mocks | GitHub | CI/CD | JIRA | Agile | Jenkins
Part of the largest team (Learner Experience) that ships features to the primary customer base of the Educative.io website (learners & enterprises) that are used by millions of users every day.

Associate Software Engineer | Airlift Technologies　　May 2022 – July 2022
Joined with preference for Full Stack/Backend Development and ended due to Airlift shutting down in Pakistan.

Lead Software Engineer | The Institute of Emerging Careers *(click to use demo)*　　Dec 2021 – 30 June 2022
AWS EC2 | AWS SES | NodeJS | ExpressJS | ReactJS & React Context API | EJS (Templating) | TailwindCSS | Babel (Browser Compatibility) | Redis | Bull | Mocha & Chai (Testing) | Nginx (Reverse Proxy) | Sequelize ORM | Git & Github
Student acquisition system designed for low-computer-literate students from non-urban areas | **Applications**, **Assessments**, Orientation, **Interviews**, Agreements | 4 **scalable** independent systems for the 4 phases of the IEC Process

Team Lead, Software Engineer | OpenData Pakistan *(opendata.com.pk)*　　Aug 2021 - Present
Open Source CKAN Project | Jinja2 | Python | Flask | Bootstrap | PostgreSQL | AWS EC2 | Git & Github
Built on the Open Source **CKAN** project | Managed team of 3 developers | Upgraded AWS EC2 instance from CKAN 2.8 to CKAN 2.9

PHP Web Developer | Medical EMR System　　2015 - 2016
In high school (11th grade), I created an EMR (Electronic Medical Records) website in PHP-MySQL for a local clinic named Murad Clinic in Lahore where it was tested for several months. I intended to turn it into a free EMR-as-a-Service platform for all local clinics.

PROJECTS
- **RESTful API for Apnay Rung**: Software Engineering course project | Wrote the backend API to a frontend React App.
- **Blockchain Messaging App (Python):** Received Grad School offer from Germany in Blockchain after this.

TECHNOLOGIES
- JavaScript, TypeScript, NextJS, NodeJS, ExpressJS, Asynchronous JavaScript, ReactJS, Python Flask, Selenium, PHP, CKAN
- MySQL, PostgreSQL, Sequelize ORM
- AWS EC2, AWS SES, AWS Amplify | Google Cloud Platform, Google Cloud Datastore & NDB
- C, C++, Object-Oriented C++, Python, PHP Laravel MVC, WordPress, Apache, Nginx, Jest, Mocha
- Figma Prototyping for UX Design, Human-Centered Design | Adobe After Effects, Adobe Illustrator, Adobe Photoshop
- Microsoft Word, PowerPoint, Excel, Google Sheets

AWARDS & EXTRA CURRICULARS
- Listed in Book "101 Brilliant Students of Lahore" by FAIDA Foundation in 2016
- Director of IT & Creativity at the LUMS Media & Arts Society (LMA) & FILUMS International Film Festival (2019-20)
- Assistant Director HumAahang – A society for interreligious harmony
- Senior Humorous Declamation Speaker at the Government College University Lahore Debating Society (GCU DS)

LANGUAGE PROFICIENCY
English (Fluent) | Urdu (Fluent) | Punjabi (Conversive) | Persian (Beginner)

INTERESTS
Urdu-English Literature, Urdu Modern Fiction & Modern Poetry | Philosophy, Art (Vector Illustrations) | Languages | Sports