Muhammad Rohan Hussain

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EDUCATION

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

EXPERIENCE

Full Stack Software Engineer | Educative Inc. *(visit website)*   Aug 2022 – Present
NextJS | ReactJS | Redux | TailwindCSS | Redis | GitHub | CI/CD | JIRA | Agile | Jenkins | Google Cloud Platform (GCP) | Google Cloud Datastore | Python Flask | Jest | React Testing Library | Selenium | Mocking
Part of the largest team (Learner Experience) that works on features shipped to the primary customer base of the website and 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. I intended to make it an 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

Expert:
- AWS EC2, AWS SES, AWS Amplify, NodeJS, ExpressJS, Asynchronous JavaScript, ReactJS, PostgreSQL, Sequelize ORM, Redis
- C++, Object-Oriented C++, C, Python, PHP, Laravel MVC, WordPress, Apache, Nginx, Mocha (Testing), Chai (Assertions)
- Figma Prototyping for UI Design | Adobe After Effects | Adobe Illustrator | Adobe Photoshop
- Microsoft Word, PowerPoint, Excel, Google Sheets

Moderate & Beginner:
- NextJS | TypeScript | Python Flask (Moderate) | C Language | Multi-threaded programming (Beginner)

AWARDS & EXTRA CURRICULARS
- Listed in Book "101 Brilliant Students of Lahore" by FAIDA Foundation in 2016
- Director of IT & Creativity | LUMS Media & Arts Society (LMA) | FILUMS International Film Festival (2019-20)
- Assistant Director HumAahang – A society for interreligious harmony at LUMS
- 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, Modern Fiction & Modern Poetry | Philosophy & Theology | Languages (Persian) | Sports (Table tennis)