

## EDUCATION

### Lahore University of Management Sciences (LUMS) | BS Computer Science

Sept 2018- May 2022

CGPA 3.3 | Relevant Courses: Advanced Programming, Algorithms, Software Engineering, Object-Oriented Programming, Operating Systems, Computer Networks, Network Security

## EXPERIENCE

### Educative | Full Stack Software Engineer

Aug 2022 – Present

*NextJS, ReactJS, Redux, TailwindCSS, Redis, Python Flask, Selenium, Google Cloud Platform (GCP), Google Cloud Datastore, Jest, React Testing Library, GitHub, CI/CD, JIRA, Jenkins*

Educative was ranked as one of the fastest growing companies of North America. I am part of the largest team (Learner Experience) that ships features to the primary customer base of the [Educative.io](https://educative.io) website (learners & enterprises) used by millions of users.

### Airlift Technologies | Associate Software Engineer

May 2022 – July 2022

Joined for Full Stack/Backend Development and ended due to Airlift shutting down in Pakistan.

### The Institute of Emerging Careers (IEC) | Lead Software Engineer ([live 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 | Increased scalability of the Acquisition process | Enabled company to onboard a new cohort every month which previously was not possible.

### Open Data Pakistan | Team Lead, Software Engineer

Aug 2021 - Present

*Open Source CKAN Project | Jinja2 | Python | Flask | Bootstrap | PostgreSQL | AWS EC2 | Git & Github*

Built on the Open Source [CKAN](https://ckan.org/) project | Managed team of 3 developers | Upgraded EC2 instance to CKAN 2.9

### Murad Clinic Lahore | Full Stack Web Developer

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