

## 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

### Apollo Group (Y-Combinator Startup) | Full Stack Software Engineer L2

May 2023 – Present

*GPT, OpenAI Embeddings, Vector Databases, NextJS, ReactJS, ReactQuery, TailwindCSS, Python, Microsoft Playwright, Jest, React Testing Library, GitHub, CI/CD, JIRA,*

Apollo Group is the next project of the Airlift Technologies team, that raised \$100M in capital before shutting down. I have helped launch 2 MVP products, involving GPT-based chatbots and React-based web applications.

### Educative | Full Stack Software Engineer

Aug 2022 – March 2023

*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://www.educative.io) website (learners & enterprises) used by millions of users. I have worked on features such as search, enterprise features, and Educative Projects.

### 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 3 weeks which was not possible before.

### 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](#) 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.

## PROJECTS

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

## TECHNOLOGIES

- **Languages**: Typescript, JavaScript, Python, PHP, Haskell, C, C++
- **Frameworks, Libraries, & Tools**: NextJS, ReactJS, Redux, Context, ExpressJS, NodeJS, Flask, EJS, Jinja2, Wordpress, CKAN
- **Databases & Tools**: MySQL, MariaDB, PostgreSQL, MongoDB, Google Cloud Firestore/Datastore, Sequelize ORM
- **Cloud & Deployment Tools**: AWS EC2, AWS SES, AWS Amplify | GCP, Google Cloud Datastore & NDB, Nginx, Apache
- **Testing**: Mocha, Jest, React Testing Library, Mocks, Selenium, Playwright
- **Other Tools**: Figma Prototyping, HCI | Adobe After Effects, Illustrator, Photoshop, Microsoft Word, PowerPoint, Excel, 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