Altaf Shaikh

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Professional Summary

Having an interpersonal academic background with bachelor's in computer science, minor in Mathematics and studying liberal arts has polished me as a well-rounded human being with the perfect balance of technical and interpersonal skills to work and contribute in a way that not only helps myself but others around me to grow as well

Work Experience

Full Stack Software Engineer – CreditBook　　June '22 — Present

Working at the FinTech startup, CreditBook, on both frontend, backend, and DevOps – using React, React Native, MongoDB, NodeJS (Express, Typescript), AWS. Heavily involved in third-party integrations, development of scalable internal tools and ensuring reliable and seamless delivery of product features with a robuse architecture.

Developer Part-time - Techlogix　　Feb '22 — June '22

Collaborated with other developers to identify and alleviate software errors and inefficiencies. Also designed, developed, and worked on web applications using React based on business requirements, aided by Jest testing framework

User Testing Intern - Storius　　Oct '20 —Dec '20

Tested out the product application through users and suggested changes to the UI/UX using Figma

Development Intern – PWA　　Jun '20 — Aug '20

As part of Habib's Khidmat Program, developed a website and mobile application for Patients' Welfare Association, Karachi

Teaching Assistant – Habib University　　Aug '19 — Jan'21

Teaching Assistant for various courses including Programming Fundamentals, Object-Oriented Programming, Engineering Mathematics, Digital logic and design. Made graded assignments and quizzes. Helped students with their queries.

Projects

University Management System

As part of a course, my teammates and I developed a website - both frontend and backend. It was a complete solution for managing course attendances, grades, and assignments submissions.

Flashcards Application

Developed an application in React that helps students prepare for exams and tests

My Reads Application

Developed an application in React that helps readers keep track of their book reading activities

Illegal Cash Flow

Modelled the phenomenon of illegal cash flow between borders known as Hawala Hundi, using Net Logo

Skills

- Python (Flask, TensorFlow, PyTorch, NumPy, Pandas, Scikit, Selenium, NLTK)
- C/C++ (OpenMP, SDL)
- JavaScript (React, React Native, Angular, NodeJS)
- Firebase, MongoDB, SQL
- AWS (EC2, RDS, EKS, CloudWatch)
- Net Logo
- QA Testing (Jest, SonarQube)
- Shell scripting (BASH)
- Deep learning (CNN, RNN, Transformers, Test Generation)

Education

Habib University, Karachi, Pakistan　　CGPA – 4.00
Computer Science with Minor in Mathematics
Graduated – May '22

Foundation Public School, Hyderabad
A Levels – Physics, Chemistry, Mathematics　　2A*1A

O-Levels – Science subjects, Math, Commerce　　5A* 4A

Honors and Awards

- President's List - 2019, 2022
- Dean's List – Spring '19, Fall '19, Fall '20, Fall '21. Spring '22
- High-academic achievement scholarship (Habib University)
- 100% A Levels Scholarship

Activities and Interests

- President - ACM (Association of Computing Machinery) Brain Hack
- Google DSC Development Lead
- Study Lead Artificial Intelligence
- Orientation Leader
- Convocation Committee
- Game Development Enthusiast
- Table Tennis, Poetry, and Chess

Professional Memberships

- President ACM Habib Chapter

Volunteer Work

- Taught deaf and blind students at an NGO in Hyderabad