MUHAMMAD SAAD KARIM

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EDUCATION

Institute of Business Administration (IBA) (CGPA: 3.1 / 4.00)   Karachi (2019–Present)
- Bachelor of Science (Computer Science)
- Relevant elective coursework: Competitive Programming, Web Application Development, Mobile Application Development, Game Development.

WORK EXPERIENCE

Stratesfy Inc
Level 1 Software Engineer (Part-time)   (Jun 2022 - Present)
- Worked on **AWS Lambda serverless architecture**, Created microservices for 3rd party integrations such as Walmart, parcelLab for international client.
- One of the main front end developer for creating a full fledged web-app integration portal using **ReactJs**.

Institute of Business Administration
Undergraduate Teaching Assistant   (September 2022 - Present)
- Teaching a class of 50+ students to code with Web Development technologies in the course **"Web Based Application Development"**

PROJECTS

Learning Management System (LMS) — (Final Year Project)   (Fall 2022 - Ongoing)
- Complete LMS solution for universities.
- Developed the mobile application front end on **Flutter**.
- Developed Backend on **NodeJs (Express)** with database **MongoDb**.

E-Library   (Spring 2022)
- A 3-tier library with a super admin portal, a library manager portal and finally a reader/customer portal.
- A super admin could add a library manager, whereas a library manager could add books up for rent and finally the reader could login and could see all books by every library and filter it by categories or library.
- Developed a full fledged web-app with **MaterialUI Components, ReactJs** for frontend and backend on **NodeJs (Express)** with **MYSQL**.

Raabta - Mental health wellness platform   (Fall 2022)
- A platform for mental health wellness that connects users with counsellors.
- Chatting feature between counsellors and users implemented.
- Developed the mobile application front end on **Flutter** and the backend on **Firebase**.

SKILLS

Languages/Frameworks
- Java • Python 3 • Dart • SQL • C/C++ • JavaScript • Typescript • Flutter • ReactJs • NodeJs

Others
- Postman • Git • MongoDB • MYSQL • Firebase • AWS Lambda Serverless

META CURRICULAR

International Collegiate Programming Contest
Speed Programming   (Dec 2023 - Feb 2023)
- An algorithmic programming contest for university students. It is the oldest, largest, and most prestigious programming contest in the world.
- Took part in preliminary round of ICPC 2023 and landed 11th position amongs 140 teams all over Pakistan and qualified for the on-site contest in Feb 2023(**Top 8%** of applicants)

IBA Cricket Team
Opener Batsman   (Oct 2019 - Present)
- Regular Opener Batsman of the IBA Cricket Team.
- Took part in multiple HEC tournaments