Ibrahim Ahmed Khan
Bachelor of Computer Science, Institute of Business Administration

Phone: +92 317 2642 968   *E-mail: ibrahimahmedkhan22@gmail.com*
linkedin.com/in/ibrahim-ahmed-khan/   *github.com/ibrahimahmedkhan*

Academic Qualification

2019-2023	BSCS	IBA	3.57 GPA (Dean's List)
2017-2019	A-Levels	Cedar College	4 A*s
2014-2017	O-Levels	Bahria College N.O.R.E-1	11 A*s (Top in School)

Achievements

- 1st position IBA entrance exam, over a pool of 1000+ students
- Dean's list All Semesters
- Recipient of 100% merit-based scholarship in Cedar College A-levels
- O-levels Valedictorian
- Distinction in O-levels English Language CIE 2017

Technical Skills

- **Backend**: Node.js, Express, Firebase, SQL Server, MySQL, MongoDB, Cypher, Neo4j, Docker
- **Frontend**: ReactJs, Flutter, Redux, MUI, HTML/CSS
- **Languages**: JavaScript, TypeScript, Dart, Java, Python, C, C#
- **AI**: Scikit-learn, Pandas, Yolo5

Enterprise Skills

- Teamwork and Leadership Potential, Negotiation, Critical Thinking and Problem-Solving, Communications

Professional Projects

- Traffic Flow Optimization Project with **Folio3** - In Progress
  - Accumulated images of vehicles for creating a curated vehicle images dataset
  - Employed Yolo5 models to perform object identification and labeling of vehicles
  - Created SRS document, performed a literature review, and presented an elevator pitch to Folio3 leaders
- Medicinal Distribution Web Application for **National Refinery Limited** (1000+ Users)
  - Developed a multi-page ReactJs Frontend, involving Redux, React Hooks, and MUI
  - Utilized Axios for data fetching, material table for displaying data, and applied styling using inline styling
  - Implemented pagination, MVC architecture, and DRY principles for clean code
- Carpooling Transport App in Flutter (20+ screens)
  - Designed, developed, and implemented a fully functional Transport App integrating Google Maps APIs
  - Directed and managed a team of 4 Programmers using Jira from PR Review (GH) to Project Completion
  - Back-end was enhanced via Firebase Firestore, Firebase auth services
  - DRY principles were applied, and Model View Provider pattern was used for clean, reusable code

Professional Work Experience

- **Finosys, Junior React Frontend Developer**   **September 2022 – Present**
  - Utilized MUI, Redux, Routing, Axios, Material Table, Pagination, and React hooks (effect, state, custom)
  - Converted SQL DBs to Neo4j Graph DBs to improve data visualization and acquire data insights
- **10Pearls Pakistan, Intern Software Engineer**   **June 2022 – July 2022**
  - Designed and implemented an AngularJS web application
  - Developed a Database with T-SQL scripts to generate/alter tables, add constraints

Interests and Extracurricular Activities

- Member of the Ops team for Mindstorm Studios inter-college GameFest hosted at IBA with 70+ participants
- Google Developer Student Club (GDSC) IBA-Tech lead: Developed ReactJS inter-Uni course for students
- With the GDSC design team, designed and taught technical training in Flutter to 100+ students (In-Progress)
- Campus Ambassador of 10Pearls for IBA
- Accepted into Ivy league hackathons HackMIT (by MIT) and PenApps (by UPenn)
- Spearheaded a team of 5 in Hypercube competition with my Team winning 1st place out of 20 teams in a module
- Designed, developed, and implemented a mobile-controlled car in a school-wide Science competition

Certifications

- Mathematics for Machine Learning: Linear Algebra (by Imperial College London via Coursera)
- Computer Networking (CISCO Net Academy)