Tuba Nasir

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Academic Qualification

2019-23	BS-CS	IBA	3.59
2017-19	A Level	Whales College	2A*s, 2As
2015-17	O Level	Mama Parsi	6A*s, 3As

Achievements

- IBA's Deans List from Fall 2020 to Fall 2022
- 100% scholarship in A Level

Major Reports/ Research Work/Projects

Resume Parsing and Ranking Website for 10Pearls (Ongoing)

- Developing a web portal to ease the hiring process using MERN stack and Context API for state management.
- Used React Hooks and Bootstrap framework to build a rich front-end UI to allow end-users to upload and manage job descriptions and resumes.
- Created REST API endpoints in python for parsing and ranking resumes using the Flask framework.

E-commerce Application with Visual Search

- Directed a team of 3 members to develop an e-commerce mobile application and admin web portal.
- Used Flutter framework with Firebase and followed MVC architecture for code reusability.
- Integrated GetIt package for dependency injection and StreamBuilder to get real-time notifications.
- Utilized Spotify's Annoy library to build a reverse image search engine to search for products using images.

Flight Reservation System

- Guided a team of 3 members to build a desktop application to provide customers with an easy-to-use flight booking system.
- Used OOP concepts in Java and designed the UI using the Swing API.

Professional Experience

10 Pearls Pakistan, Intern Software Engineer (June 2022 – July 2022)

- Maintained the software across the company's portal's codebase by debugging user-reported defects significantly improving web functionality and user experience.
- Performed requirement analysis followed by wireframing using Figma to develop a carpooling feature in AngularJS to allow employees to share rides to and from the office.

The Bridge School (July 2020 – Aug 2020)

- Led a team of 6 members and engaged with the audience, resulting in 100+ followers on social media pages.
- Revised the curriculum and familiarized the teachers with an understanding of child and adolescent development so that they can establish effective communication with the students.

Skills

- **Programming Languages:** proficient in Java, JavaScript, Dart, Python, and SQL; familiar with C
- **Frontend:** Flutter, ReactJS, HTML/CSS, Bootstrap, MUI
- **Backend:** Firebase, Node, Express, Flask
- **Databases:** MySQL, Oracle, MongoDB, Firebase Firestore
- **Data Analysis tools:** Knime, PowerBI, Tableau, QlikView

Certifications

- **Foundations of User Experience Design**, Google via Coursera
- **Database Management Essentials**, The University of Colorado System via Coursera
- **Python for Everybody Specialization**, The University of Michigan via Coursera
- **Data Scientist with Python Track** via DataCamp

Interests and Extracurricular Activities

- Operate an online entrepreneurial art venture **Fanaan**, to showcase and sell handmade acrylic pieces.
- **Board games** – tend to enjoy problem-solving things.