**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**
* Currently developing a web portal to ease the hiring process for people in the organization 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 Flask framework.
* **E-commerce Application with Visual Search**
* Led 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.
* Used Spotify’s Annoy library to build a reverse image search engine to search for products using images.
* **Flight Reservation System**
* Led a team of 3 members to build a desktop application to provide an easy-to-use flight booking system for customers with the help of databases and using OOP concepts in Java.
* Designed the UI using Java Swing API.

# Work/ Internship Experience

* **10 Pearls (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 and R
* Frontend: Flutter, ReactJS, HTML/CSS, Bootstrap, MUI
* Backend: Firebase, Node, Express
* Databases: MySQL, Oracle, MongoDB, Firebase Firestore
* Data Analysis tools: Knime, PowerBI, Tableau

# Certifications

* Foundations of User Experience Design by Google
* Database Management Essentials by University of Colorado System
* Python for Everybody Specialization by University of Michigan
* DataCamp: Data Scientist with Python Track

# Interests and Extracurricular Activities

* Operate an online entrepreneurial art venture [Fanaan](https://instagram.com/fannaan_13?igshid=MDM4ZDc5MmU=), where I showcase and sell handmade acrylic pieces.
* Board games – tend to enjoy problem-solving things.