

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 Spring 2022
- 100% scholarship in A Level

Major Reports/ Research Work/Projects

- **Flight Reservation System** – built an application to provide an easy-to-use flight booking system for customers with the help of databases and using OOP concepts in Java.
- **Maze Game**– implemented data structures and algorithms in Java to design a game that required players to reach the end goal in a maze within a specified time limit.
- **E-commerce Website** – developed a fully functional website that allow the users to buy products and the admin to manage the products and users using the MERN stack.
- **Online Exchange Application** – documented, prototyped and wireframed an application using Figma that provide users with a platform to buy and sell products online.
- **E-commerce Application** – built an e-commerce mobile application using Flutter with Firebase following MVC architecture and used Computer Vision that allows users to search for products using images.

Work/ Internship Experience

10Pearls (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.
- Documented, prototyped, wireframed, and developed a new feature to be incorporated into the portal that allowed 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

Interests and Extracurricular Activities

- Board games – tend to enjoy problem-solving things.
- Arts – like to express my creativity through mediums like painting. Set up an online platform, Fannaan. that allows me to experiment, showcase and sell my art to others.

Skills

- Programming Languages: proficient in Java, SQL, JavaScript, Dart, and Python; familiar with C
- Application development using Flutter
- Full stack web development using MERN stack
- Data Analysis tools: Knime, PowerBI, Tableau
- Databases: MySQL, Oracle, MongoDB, Firebase
- Familiar with Adobe Illustrator and Photoshop

Certifications

- Foundations of User Experience Design by Google
- Python for Everybody Specialization by University of Michigan
- DataCamp: Data Scientist with Python Track
- Database Management Essentials by University of Colorado System
- Excel Skills for Business: Essentials by Macquarie University
- KPMG Data Analytics Consulting Virtual Internship