Hamza Amin Khokhar

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EDUCATION

National University of Computer and Emerging Science (FAST)

Bachelors in Computer Science

Punjab Group of Colleges

Higher Secondary School

Federal Science College

Secondary School

SKILLS

SQL || KOTLIN || Flutter || Python || Java || HTML and CSS || Dart || Firebase || C/C++

ACADEMIC EXPERIENCE

Java Projects

- Hostel Management System with Software Engineering:
  A management System that allows users to handle multiple campuses of hostel through a computersoftware and track records of various things. This software was designed according to software Engineering techniques like **Scrum** , **GOF techniques, Object Oriented Programming** etc.

KOTLIN Projects

- Mentor me
  Built a responsive full stack fiver like app where mentors get registered and sell their services and they can also have discussion via sending text messages , images ,videos or by doing video or voice calls. Backend Services used are **Firebase Realtime database**, **Firebase Cloud messaging**, **Firebase Storage** and **Firebase Authentication**

HTML, CSS and ASP.NET Project

- FLEX
  Build a Student Management System (LMS) that tracks student details and has three types of users (Teacher, Student, Admin) and data is stored in **MYSQL database.**

Flutter Projects

- COFFEE App
  Built a responsive coffee ordering app with **Firebase Firestore** as backend which allows user to order coffee withoutany interaction with any person

C/C++ Projects

- Neural Network Project
  An **Operating System** (**Process** , **Threads**, **Pipes**, **Mutex**) and Object Oriented Programming (**Composition** ,**Aggregation**, **Polymorphism**) concpets based project, used for getting big data evaluations using small chunks of data

- Hierarchical Database System

  A hierarchal database system based on trees (**AVL tree**, **Btree** , **RBtree**) to organize big chunk of rough datato make it easily retrievable

WORK EXPERIENCE

- **Fiver Programming Freelancer**
  Has been successfully delivering quality teaching assistance and help in different projects all around the world in different programming languages and has achieved marvelous 5.0 stars rating.

- **Teaching Assistant**
  Successfully completed tenure for the post of **Computer Organization and Assembly Language** and **Operating Systems** Teaching Assistant and Lab demonstrator.