Azmeer Sohail Khan

SOFTWARE ENGINEER

Embark on an exhilarating journey through the realm of computer science with a driven and accomplished BSCS student from FAST University. Armed with a passion for coding and an insatiable curiosity, I have honed my skills through hands-on experience and a relentless pursuit of knowledge. From creating efficient algorithms to collaborating with diverse teams, my biggest achievements reflect my ability to thrive in dynamic environments and deliver exceptional results.

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EDUCATION

Bachelor's in Computer Science
National University of Computer and Emerging Sciences - FAST CGPA - 3.25

08/2021 - Present   *Islamabad*

A-Levels and O-Levels
Saint Mary's Academy

08/2019 - 08/2021   *Rawalpindi*

Grades
- 3A*s, 1A and 7A*'s, 1A

WORK EXPERIENCE

Software Engineering Intern
Teradata Global Consulting Pvt Ltd

06/2024 - 08/2024

Achievements/Tasks
- Gained hands-on experience in databases, Teradata studio, Vantage Express, TPT scripts, Machine Learning models, Data visualization.
- Build a website in React, Node.js, Spring Boot after analyzing datasets.

Teaching Assistant
National University of Computer and Emerging Sciences - FAST

08/2023 - 01/2024

Achievements/Tasks
- Assisted in the instruction of the "Computer Organization and Assembly Language" course.
- Conducted tutorials and workshops to reinforce key concepts and provide additional support to students.
- Graded assignments and exams, providing constructive feedback to facilitate student learning.
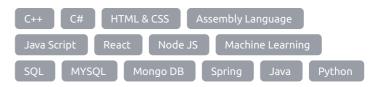
Lab Demonstrator
National University of Computer and Emerging Sciences - FAST

08/2023 - 01/2024

Achievements/Tasks
- Conducted lab sessions for the "Operating Systems" course, providing hands-on guidance to students.
- Assisted in the setup and maintenance of lab equipment, ensuring a conducive learning environment.
- Demonstrated practical applications of operating system concepts, troubleshooting issues, and addressing queries.
- Graded lab reports and assignments, offering constructive feedback to enhance student understanding.

SKILLS

C++   C#   HTML & CSS   Assembly Language   Java Script   React   Node JS   Machine Learning   SQL   MYSQL   Mongo DB   Spring   Java   Python

PERSONAL PROJECTS

Rush Hour
- Developed a dynamic Rush Hour game in C++.
- Featured a car navigation, passenger transportation, collision detection, and scoring.
- Tools used: C++ with basic programming concepts and graphics libraries.

Clone of OLADOC Hospital Management System
- Created an object-oriented hospital management system in C++, streamlining patient records, appointments, and resource management.
- Demonstrated code re usability and scalability through object-oriented principles.
- Tools used: C++ with Object Oriented Programming concepts.

DataBase Management System
- Designed a data structure-based database management system using trees for efficient data storage and retrieval.
- Demonstrated proficiency in data structures and file handling techniques.
- Tools used: C++ with Data structures tools like Queues, Stacks, Trees and linked list.

University Portal (FLEX)
- Created a comprehensive university portal for streamlined academic management.
- Implemented an intuitive user interface with interactive features for enhanced user experience.
- Tools used: C#, HTML, CSS, JavaScript, MySQL for front-end, back- end and database management of the portal.

Neural Network (Operating Systems)
- Developed a neural network project utilizing operating systems concepts like threads, processes, and Interprocess Communication (IPC).
- Showcased understanding of concurrent programming and efficient computation.
- Tools used: C++ with Operating System concepts.

TAMKEEN (Software Design and Analysis)
- Developed a web-based platform to empower housebound females, connecting them with customers for online services.
- Designed and implemented a responsive and intuitive user interface for a seamless user experience.
- Tools used: Papyrus for design, Java with OOP concepts, MySQL for front-end, back-end and management of the platform.

MAXPACE (E-Commerce Full Stack Website)
- Developed a full stack website for an e-commerce store named maxpace.
- Responsive and intuitive user interface for a seamless user experience.
- Tools used: Mongo DB, React, Express, Node JS, Javascript.

INTERESTS

Cricket   Soccer   Fitness   Table Tennis   Travelling