Muhammad Ali Haider

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Academic Qualification

2024	Bachelor's in Computer Science	Institute of Business Administration Dean's List (Fall 2020 to Fall 2023)	2020 - 2024 CGPA: 3.78

Achievements & Certificates:

- GDSC IBA Head (Program Design & BootCamp)
- ICPC 2023 Asia Topi Regional On-site Contest
- Android Bootcamp (GDSC)
- Data Science Competition(ITEC'22)
- ICPC 2023 Asia Topi Regional On-site Contest
- Procom 2023 Data Science Competition
- Integration Bootcamp (Astera)

Professional Experience

Indus Delta Capital, Mobile Application Developer   **September 2023 -Present**

- Spearheaded the development of "Survey Kollect," a Flutter-based mobile application, prioritizing security and a seamless UI/UX. This app efficiently streamlined the sensitive data collection process, demonstrating strong coding and troubleshooting skills.
- Maintained application and database security standards and kept pace with new Flutter technologies for continual improvement.

IBA, Database Management System Teachers Assistant   **August 2023 – December 2023**

- Led instructional sessions on Node.js for backend API development, Oracle DB integration, and React.js frontend applications, including the creation of a foundational code template for student projects at IBA.
- Managed Database labs focused on OracleDB and MongoDB, ensuring operational excellence and adherence to database standards.

Sadiq.Ai, Web Developer (Intern)   **July 2023 – August 2023**

- Developed a Front-End interface for PureVersity's MemberArea (a Gaditek contract) using TypeScript and Next.js, which had a seamless user flow with state management implemented to render the UI with respect to the changes input by the user.

Vailder, Junior Software Developer   **November 2022 – June 2023**

- Implemented GPT-3 API having 175 billion parameters, with fine-tuning for job description generation, incorporating persona-based tone.
- Developed LinkedIn scraping functionality for the Valider Chrome extension, providing streamlined applicant ranking for recruiters.

Major Projects:

Asaan-Retail Website:

- Developed the frontend for 'Asaan Retail', a retail platform supporting over 15 service partners, using Next.js, HTML, SaSS, and JavaScript, prioritizing custom designs with minimal reliance on AntDesign Components for a sleek user experience.
- Received commendable feedback from clients for delivering a sophisticated interface that enhances the visual appeal and usability of the 'Asaan Retail' website.

Survey Kollect:

- Engineered 'Survey Kollect', a robust mobile application for Delta Blue Carbon, the leading environmental firm in Pakistan focusing on mangrove and forestation projects, to streamline their sensitive data collection process using Flutter, BLoC state management, and local sqflite databases.
- Designed to operate offline with AWS Elastic Beanstalk and RDS-backed cloud syncing capabilities, ensuring secure and efficient data flow from mobile devices to the company's central database upon Wi-Fi availability.

PureVersity-Member's Area:

- As an accomplished Frontend Developer, I took on the responsibility of creating the interface for PureVersity Member's Area, a contracted project by PureVPN, under the ownership of Gaditek, which, in turn, is affiliated with Digital Ocean. Utilizing my skills in Next.js, TypeScript, and MUI, I developed a user-friendly and visually appealing frontend that seamlessly integrated with the backend. My dedication to learning and staying up-to-date with the latest technologies played a key role in the project's success.

CourseFinder (FNL):

- Built an Udemy-inspired web application, featuring protected routing, dynamic quizzes, video manipulation, and organized course materials. This experience honed my skills in React and Node.js, fostering teamwork and meticulous coding practices.

Naj-ul-Balagha Mobile App:

- Developed a robust Flutter app integrating Firebase Firestore and Auth. Users benefit from secure authentication, personalized notes, bookmarks, the App had thorough testing, and seamless data synchronization with Firestore using state management technique blocs.

Extracurricular Activities

Computer Science Society, Head of Program Design: Orchestrated the design and implementation of Codefest 2022, and Escape Room 2022 at Nexus, organized by the Computer Science Society. In which We managed 20 teams, each consisting of 4 to 5 individuals, and played a key role in designing the clues. Provided personal supervision to each team's experience in the escape room.

Enigma: Expertly directed program design and smoothly managed the Scavenger Hunt component of Enigma 2022, supervising over 625 participants. Crafted innovative clues that earned the module recognition as the Best Managed component at IBA's Enigma 2022.

Skills

- JavaScript, TypeScript, Flutter, NODE JS, React JS, Next JS, Python, Unity, C#, C/C++ Fundamentals, JAVA, CSS, HTML, JIRA, Confluence, GitHub, Figma, MongoDB, Bit Bucket, CUDA Python, AWS Cloud