Muhammad Latif

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Academic Qualification

2021 – Present	Bachelors (Computer Science)	Institute of Business Administration Karachi
2018 - 2020	Intermediate (Pre-Engineering)	Aga Khan Higher Secondary School, Gilgit

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Projects

- **Automatic number-plate recognition System:** Created A Web Base application, capable of recognizing Number plates and Digits in it using YOLO V8, Django Framework, HTML 5, CSS 3, Bootstrap, OpenCV and EasyOCR.
- **Alumni Portal:** Designed and developed a responsive, multi-browser compatible portal for alumni and students of IBA, using React, Bootstrap, Node and Express.
- **Portfolio Website:** Designed and developed a personal portfolio website to highlight projects, skills, and contact information, Using React, Bootsrap, Emailjs and implemented git pages to host the website.
- **Train ticket Reservations System:** Developed a Train Ticket Booking System for a term project of course object-oriented programming. Created using Java, Java Swing library and Java File System
- **Phone Book Directory System:** Created a phone book directory system using Java, Java Swing, advanced data structures, and a Java file system for the term project of Data Structures and Algorithms. This application provides fast search and retrieval functions through Binary Tree and HashMap reducing time complexity to O(logn).

Work Experience

Uconnect Technologies - Flutter Intern | Gilgit   (Nov 2020 – July 2021)

- Worked on implementing new features, Creating UI components, integrating APIs, managing state, and handling user interactions using Flutter Framework.
- Collaborated with designers to implement UI/UX designs effectively using Flutter widgets.
- Communicated effectively with team, sharing progress updates, discussing challenges, and seeking guidance when needed.

Skills

- Programming Languages (JavaScript, Java, Python, C, Dart)
- App Development (Flutter, Dart)
- Web Development (HTML 5, CSS 3, Tailwind, Bootstrap)
- Backend (Node, Express, SQL, Firebase, MongoDB, Oracle)
- Version control (Git, GitHub, Git Lab)

Certifications

- Certification of Completion – Web Development cloud Skills Challenge by Microsoft – 2023
- Certification of Completion – Mobile App Development (Flutter) Bootcamp by Uconnect Technologies – 2021
- Certification of Completion – Web Development Bootcamp (HTML, CSS, JS) by Uconnect Technologies - 2020
- Certificate of Achievement – provincial Toper of International CATS, Mathematics contest - 2018

Extracurricular Activities

IBA Alumni and Placement Society - Management Team Member

- Contributed to the planning, organization, and execution of IBA career fairs 2021.
- Collaborated with industry partners to facilitate internships, job placements, and opportunities for both students and alumni.

Aga Khan Local Education Board Member

- Active member of the Aga Khan Local Education Board, contributing to the improvement of education standards and quality within the community.
- Participated in decision-making processes, curriculum development, and initiatives aimed at enhancing educational opportunities for local students.

Scout Patrol Leader

- Led scout patrol, organizing outdoor activities, team-building exercises, and community service.
- Developed leadership, communication, and problem-solving skills during this role.