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
2016 – 2018	Matriculation (Science)	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 for the term project of Database System.
- **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.

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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.

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Skills

- Programming Languages (JavaScript, Java, Python, 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 – 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

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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.