

Ali Hassan Lodhi

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PROFILE

Ali is a Passionate and dedicated individual with a strong drive for growth and excellence. Known for being hardworking, adaptable, and eager to learn new things, with a positive approach to challenges. I enjoy collaborating with others, contributing ideas, and supporting my team to achieve shared goals.

EDUCATION

Bachelor in Software Engineering, *National University Of Modern Language (NUML)* 02/2022 – 01/2026
Islamabad, Pakistan
Related Coursework: Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Databases, Software Engineering, SE Life cycle Methodologies, Object-Oriented Programming, UI/UX Design, Software testing.

PROFESSIONAL EXPERIENCE

Web Development Intern @ Softosol 04/2024 – 07/2024
Islamabad, Pakistan

- Tech Stack: HTML5, CSS, Bootstrap, Angular TypeScript, Node.js, RestAPI, MongoDB.
- Developed the company's landing page, enhancing online presence and user engagement.
- Contributed to an Angular-based e-commerce project, focusing on dynamic product displays, user authentication, and seamless checkout processes.
- Implemented CRUD functionality on both the customer and admin sides, enabling streamlined data management and accessibility.

PROJECTS

Student Productivity System - FYP

- Tech Stack: Laravel, Vue, Firebase, Flutter.
- Developed a Student productivity system that links up to their Google Classroom and allows them to maintain notes, manage projects, and collaborate with their fellow students on projects.
- It shall have a central module that shall be responsible for polling the information of the google classroom and then storing any new addition in the firebase database. The backend shall have rest APIs accessing data from the firebase database and performing the custom logic for each module and the frontend shall access those rest APIs and get the data and show it to the user.

Real-Time Chat App

- Tech Stack: Django, Python, Firebase Firestore, JavaScript, HTML, CSS.
- Built a real-time chat application where users verify using only their email, add contacts by email, and start chatting instantly.

Restaurant Management Web Application

- Tech Stack: Bootstrap, Angular, TypeScript, Node.js, Express.js, RESTful APIs.
- Built a full-stack application with client-side and admin-side modules, featuring authentication, menu management, cart updates, and order processing, with Auth Guard and local storage for secure and seamless user experience.

Big Data Analytics on Taylor Swift's Social Media Presence

- Tech Stack: Python, R, Excel, SQL, Power BI, Tableau.
- Conducted a case study on Taylor Swift's YouTube and Reddit presence, performing data processing, network analysis, and visualizations to examine fan engagement and collaboration patterns.

SKILLS (EXPERTISE)

Programming Languages: Python, Java, HTML/CSS, JavaScript, Typescript, SQL, Vue.js, Node.js, C++, Flutter (dart) for android

Methodologies: Object-Oriented Programming (OOP), Object-Relational Mapping (ORM), MVC Architecture, MVT Architecture, Responsive Design

Frameworks & Platforms: Django, Angular, Vue.js, Firebase, RESTful APIs, Data Analytics, AWS Cloud, Microsoft Azure

Tools & Technologies: VS Code, PyCharm, IntelliJ IDEA, Android Studio, Cursor AI, Windsurf AI, Power BI, Tableau, MSOffice

Soft Skills: Leadership, Teamwork, Team building, Critical Thinking, Effective Communication, Adaptability

CERTIFICATIONS

Google Data Analytics Professional Certificate — Google

Microsoft Learn Student Ambassadors Workshop on Microsoft Azure Virtual Training Day: Fundamentals

Work Smarter with Microsoft Excel — Microsoft

Google IT Support Professional Certificate - Technical Support Fundamentals — Google