Areej Fatima

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Summary

Computer Science student at UET Lahore with experience in full-stack development using MERN, Next.js, Django, and .NET. Skilled in building scalable applications, API integration, and responsive UI design. Passionate about delivering impactful web solutions and exploring AI-driven technologies.

Skills

- **Python** | JavaScript | Next | React | **Power BI** | SQL | MySQL | Firebase | Git | Jira
- CI/CD | OOP | DSA | Database | Html | CSS | Cosmos DB | Django (REST API, ORM) | Firebase | Vercel
- Problem Solving | Teamwork

Experience

MERN Stack Developer	Internship	**Daas Tech Innovation**	06/2025-07/2025

- Working on full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Contributed to real-world project development, API integration, and UI/UX improvements.

.NET Developer	Internship	**Freelance**	08/2025-present

- Collaborating on a .NET-based website development project.
- Focused on backend development, database management (SQL Server), and deployment setup.

Web Developer	Fellowship	**ACM UET Lahore**	07/2024-08/2024

- Led design and development of web applications

Frontend Developer	Internship	**Codsoft**	09/2023-10/2023

- Developed responsive web interfaces using HTML, CSS, and JavaScript
- Collaborated with senior developers on real-world projects

Projects

Semester Projects — UET Lahore

- Mini Mumin– Quran Learning App
  ◦ An educational Quran app for kids with parental tracking and AI-powered chatbot.
  ◦ Tools Used: Next.js, Cosmos DB
- Automated Number Plate Detection System
  ◦ Built a full-stack app to detect license plates using OCR and machine learning.
  ◦ Used **Django for backend APIs**, image handling, and model integration, and **Next.js for frontend** display and user interface.
- Customer Engagement Segmental Analysis
  ◦ Built interactive dashboards and performed ETL on customer data to improve retention insights.
  ◦ Tools Used: EF Core, SQL Server, Power BI
- Plant Disease Detection System
  ◦ Image classification app that identifies plant diseases using ML techniques.
  ◦ Tools Used: Python
- FYP Management System
  ◦ A desktop application to manage final year projects, student data, and evaluations.
  ◦ Tools Used: Windows Forms, SQL Server
- Mini Excel
  ◦ Console-based spreadsheet simulator supporting basic formulas and formatting.
- DOS Shell
  ◦ Abasic command-line interface built in C++ mimicking DOS shell behavior.

Personal Projects

- Pantry Tracker App
  ◦ AI-based app to monitor and manage pantry items efficiently.
  ◦ Tools Used: Next.js, Firebase
- Quiz App
  ◦ AI-powered research paper finder and summarizer that allows students to enter any topic and instantly get summarized insights from top academic papers.
  ◦ Features include semantic paper search, abstract summarization using Hugging Face transformers, and a clean Streamlit-based UI.
  ◦ Tools Used: Python, Streamlit, Semantic Scholar API, Hugging Face Transformers.
- Blogging Site Frontend
  ◦ A responsive blog UI featuring smooth scroll and animation effects.
  ◦ Tools Used: AOS, HTML/CSS
- Portfolio Website
  ◦ Personal portfolio built in React to showcase projects and skills.
  ◦ Deployed on Azure

Education

Bachelor of Computer Science	University of Engineering and Technology	Lahore, Pakistan	3.61/4.0
Intermediate (ICS)	Punjab Group of Colleges	Burewala, Pakistan	92%

Achievements

- Achieved recognition for star performer of the year in Programming Fundamentals and Object-Oriented Programming
- Worked as Content Writer for a year in Software Square Society.

Certifications

- Data Mining Course– NAVTTC
  ◦ Hands-on work with data mining tools and Python-based implementation
- 7-Day Bootcamp on Frontend Development– MALHAQAT & GDG UET Lahore
  ◦ Intensive training and mentorship on building modern frontend applications
- HackerRank Certifications ◦ Certified in Basic and Advanced SQL

Reference available upon request