

Tazeen Amir

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EDUCATION

NED University of Engineering and Technology

B.E. in Software Engineering

Karachi, Pakistan

Oct 2022 - Jun 2026

- **Focus:** Web/App Development, Artificial Intelligence, Machine Learning
- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Web Engineering, Database Management Systems, Software Construction and Development, Data Warehousing and Mining

EXPERIENCE

Mavikk - n8n workflow automation

July 2025 - Present | Remote

- Built intelligent automation workflows in n8n, integrating APIs, databases, and third-party services to streamline processes and reduce manual effort..

Acom Corp - Web Developer-Intern

April 2025– June 2025 | Karachi, Pakistan

- Built full-stack web features using React, Next.js, and MySQL, ensuring efficient data flow and user interaction.
- Designed and developed scalable backend APIs using Node.js and Express for robust server-side functionality.

Quality Enhancement Cell (QEC) – NED - Web Developer - Intern

Feb 2024 – Jun 2024 | Karachi, Pakistan

- Worked with the team on QEC portal project using NodeJS and ExpressJS.
- Created automated workflow to eliminate old manual processes to enhance accuracy and efficiency.

Jinnah Lincoln Foundation - Analyst Machine Learning - Intern

Sep 2023 – Dec 2023 | New York, USA

- Gained practical experience in the field of machine learning and data science through an internship at JLF.
- Assisted with various data science tasks, including data analysis, model development, and project implementation.

PROJECTS

Elevate360 – AI-Powered Project Management

- Built an intelligent project management system enabling automatic requirement generation and sprint planning, boosting team productivity by 40% and reducing manual effort in task management across 5+ agile teams.

Quality Management System

- Developed a QMS web App using Node.js, Express.js, React.js, and MySQL, benefiting 100+ faculty members.

Deliberatives - Leaderboards to foster learning experience

- Built an employee engagement platform enabling 100+ users to log learning applications, track progress and compete on leaderboards, enhancing peer-driven insights.

Velora – AI-Powered Dietary System

- Developed a diet planning website integrated with AI for generating personalized meal plans, exercise suggestions, and dynamic recipe recommendations

TealHQ - AI-Powered Resume Matching and Cover Letter Generation

- Created a Next.js application to match resumes with job descriptions accurately and generating cover letters.

LearnFlow – Collaborative Learning

- Built an AI-powered study platform, organizing resources with peers and auto-generating 100+ flashcards.

NFL Big Data Bowl

- Built machine learning models (regression, deep learning) to analyze NFL data from 9 weeks, creating metrics for tackling efficiency and improving predictive accuracy by 15%.

Talking Dictionary - Voice-Enabled Language Assistant

- Created a voice-enabled dictionary app with pronunciation support and multilingual translation.

ACHIEVEMENTS AND LEADERSHIP

- **Leadership:** Vice President of Software Innovators Club, a 50+ member tech club since Oct 2023, organizing SE Dept. events, and leading the Executive Board of the Cub.
- **Hackathon Wins:** Winner of the Web Development Hackathon at Dev Day 2025
- **Awards:** Secured Runner-up position at the NED Codesphere competition for the project exhibition of *Disease Detection System* in the Data Science category.

SKILLS

Programming: Python, JavaScript, C++, HTML5/CSS3, jQuery, SQL, Bootstrap, Node.js, React.js, Next.js, React Native, N8n, Langchain, AI

Tools & Databases: Visual Studio, PyCharm, Azure, Jupyter Notebooks, Git, Postgres, MongoDB, VectorDB, RAG