

Muhammad Tallal Eatazaz

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Education

FAST NUCES Islamabad, PK

Bachelor of Science in Computer Science

Aug. 2021 – June 2025

Relevant Courses: Software for Mobile Devices, Software Design and Analysis, Database Systems, Software Engineering, Web Development.

Experience

Cloud Application Development and Mobility Intern

June 2023 – Aug. 2023

Systems Limited, Islamabad

- Contributed to Cloud Application Development and Mobility projects with React.js and MS SQL.
- Built scalable, mobile-friendly solutions with real-time updates and secure authentication.

Cybersecurity Intern

June 2022 – Aug. 2022

Datamatics Consulting, Islamabad

- Implemented Python-based encryption systems and automated threat detection tools.
- Performed vulnerability assessments and strengthened system defenses.

Teaching Assistant

Fall 2023 – Spring 2024

FAST NUCES, Islamabad

- Assisted in Computer Organization, Assembly Language, ICT, and DBMS courses.

Projects

Flex — Academic Portal

- Developed academic management system using **.NET 6** and **Windows Forms**
- Implemented role-based access control with **.NET Identity** and **JWT authentication**
- Designed database schema with **Entity Framework Core** code-first approach
- **Technologies:** ASP.NET Core, Entity Framework, Windows Forms, MS SQL

WorkForce Nexus — Employee Management

- Engineered employee management system using **ASP.NET Core MVC** and **React**
- Implemented RESTful APIs with **.NET 7** and **Entity Framework Core**
- Secured application with **JWT authentication** and role-based authorization
- **Technologies:** ASP.NET Core, Entity Framework, React, MS SQL

Cloud Solutions — Enterprise Integration

- Modernized legacy systems using **.NET Core** microservices architecture
- Implemented **OAuth 2.0** security with **IdentityServer4** integration
- Containerized applications using **Docker** with **.NET SDK** integration
- **Technologies:** .NET 7, Azure, Docker, Entity Framework, MS SQL

InfoMorph

- Built an automated tool for scraping, cleaning, summarizing multi-lingual articles using NLP.
- Integrated topic selection, feedback, and concise news summaries via secure, intuitive UI.
- **Technologies:** Next.js, Node.js, MongoDB, FastAPI, Transformers (Pegasus)

Skills

.NET Technologies: ASP.NET Core, Entity Framework Core, .NET 7/6, Blazor, Windows Forms

Web Technologies: React, Next.js, JavaScript, HTML5, CSS3

Databases: MS SQL Server, Entity Framework, ADO.NET, MongoDB

Tools: Visual Studio, Azure DevOps, Docker, Git, SSMS