

Ayesha Ejaz

Islamabad | +92 317 3371247

ayeshaejaz003@gmail.com | github.com/aye-shadow | linkedin.com/in/ayesha-ejaz-59ba4a280

Education

FAST-NUCES | Bachelors of Computer Science
Dean's List. CGPA 3.61

Technical Skills and Projects

Programming: C#, C++, Python, PHP, JavaScript/Typescript

Web Technologies: HTML, CSS/Bootstrap/TailwindCSS, React, Next.js, React Native

Databases: SQL, MongoDB

Machine Learning Projects | Python

- **Credit Card Fraud Detection** | Decision Tree
- **Customer Churn Prediction** | KNN
- **Final Grade Prediction** | Linear Regression
- **House Price** | Regression Tree

Frontend Projects

- **Ecommerce Webapp** | React, Next.js, Typescript, TailwindCSS
- **DOKA Ecommerce Webapp** | HTML, CSS, Vanilla JS, JQuery
- **Jewellery Store** | Wordpress
- **HPIS Business Website** | React, Next.js, Typescript, TailwindCSS
- **\$SCAT Crypto Webapp** | React, Next.js, Typescript, TailwindCSS

Workout Manager Application | C#, Winforms, SQLServer

Created an exhaustive application for managing gyms and memberships for different user types (admins, owners, trainers, members).

Professional Experience

Spectrave | **Computer Vision Engineer** | Paid, full time, on-site intern | July 2024 – Present

- Conducted image annotation for solar panel detection, contributing to a dataset of **500+** images, optimising and enhancing the accuracy and reliability of the new model.
- Automated CV and ML pipelines for solar panel temperature analysis, resulting in a significant **7%** increase in model performance and efficiency.

Startify Funpulse | **Front-end Developer** | Paid, part time, hybrid employee | July 2024 — July 2024

- Converted from static tech stack to React and Next.js to increase performance and loading time by **18%** in deployment phase.
- Conducted user testing and implemented feedback, leading to a **100%** improvement in user satisfaction and interface usability.

FAST-NUCES | **Teacher's Assistant** | Paid, full time, on-site employee | Jan 2024 – June 2024

- Created and graded COAL quizzes and assignments for a class of **60+** students.
- Established one-on-one tutoring sessions with students, resulting in a **30%** improvement in student performance.

FAST-NUCES | **Lab Demonstrator** | Paid, part time, on-site employee | Aug 2023 — May 2024

- Handled multiple sections with **70+** students.
- Diagnosed bugs in code, reducing time and space complexity, resulting in **25%** increase in student lab performance.

NRTC | **Full Stack Developer** | Paid, full time, on-site intern | June 2023 – Aug 2023

- Created the login and landing page using CSS, HTML, and Javascript for frontend, and PHP and MySQL for backend.
- Integrated RESTful APIs for communication between front and backend, improving data retrieval efficiency by **25%**.
- Collaborated with senior developers, and worked with MongoDB, managing **100+** data records.

Certifications

- **Foundations of Cybersecurity** | 2024 | Online Course - Google
- **Play it Safe: Manage Security Risks** | 2024 | Online Course - Google