Zain Ul Abidin Jillani

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SUMMARY

Energetic Computer Science student from FAST-NUCES Lahore with hands-on experience in web development, automation, cloud computing, and AI. Skilled in Python, Selenium, and AWS, I am passionate about solving complex problems and delivering efficient solutions.

EDUCATION

FAST NUCES Lahore (Sep 2021 – Present)
B.Sc. in Computer Science — CGPA: 3.21/4.00

Lahore Grammar School Defence (Jul 2019 – Jul 2021)
A Level — Grades: 3 As 1 B

SKILLS

Languages: MySQL, C/C++, Python, Java, JavaScript, HTML/CSS

Tools and Frameworks: MongoDB, Express, React, Node.js, React-Native, Amazon Web Services, Selenium, Pandas, NumPy, TensorFlow, Pytorch

NOTABLE PROJECTS

Cinema Website — Built with **HTML**, **CSS**, **PHP**, and **JavaScript**. Provides an interactive platform for browsing movies and bookings, utilizing **XAMPP** for backend services. [Link]

Cinema Windows Application — Developed in **Java**. Manages movie listings, showtimes, and bookings with a user-friendly interface and **XAMPP** for database support. [Link]

CarCare Mobile Application — Simplifies vehicle maintenance with service history, reminders, and expense tracking. Built using **React Native, MongoDB, and Node.js**. Includes analytics, service provider directory, and chatbot support. [Link]

Animal Classifier — Developed a classifier for 12,000+ images of 64 AI-generated animals using machine learning and image processing techniques. [Link]

CelebA Spoof Detection using ViT — Fine-tuned a pre-trained **Vision Transformer (ViT)** for face anti-spoofing using the **CelebA Spoof dataset**. Enhances authentication security. [Link]

VAE & GANs for MNIST/Pneumonia — Implemented **VAEs** and **GANs** for MNIST numbers, fashion, and pneumonia detection in chest X-ray images. Used **PyTorch, PCA, and latent space visualization**. [Link]

AWARDS & ACHIEVEMENTS

Dean's Honor List, Lahore (Jan 2022 – Jul 2022)

Cloud Bootcamp 2024 at VAPORVM (Jun 2024 – Aug 2024)

Bunyaad Operations Team Member (Jul 2019 – Jul 2021)