Ahmed Nadeem

BS (Computer Science) - Computer Engineering

Date of Birth
11/09/2003

Telephone
+923336162633

Email:
l215393@lhr.nu
.edu.pk
ahmedprog2003
@gmail.com

Address:
House # 1095,
E Block
CanalView
Lahore

LinkedIn:
linkedin.com/in/
ahmed-nadeem-
579897282/

Education

National University of Computer and Emerging Sciences, Lahore Campus
BS (Electrical Engineering) - 2021
Government College University Lahore
F.Sc - Pre Engineering - 2019

Projects/Portfolio

AWS Serverless ETL Pipelines:
Built a serverless ETL pipeline using AWS Lambda, S3, EventBridge, and Python to process and validate news articles and CSV data.

Political Bias Detection In Pakistani News:
Implemented RAG with all-mpnet-base-v2 and RoBERTa to classify bias in 50,000+ scraped news articles. Developed a Next.js frontend for visualization.

Medallion Architecture Implementation:
Designed a PostgreSQL-based Medallion Architecture (Bronze, Silver, Gold) for structured data processing, optimizing performance with indexing, partitioning, and materialized views.

ClearParts – AI-Powered PC Component Marketplace(fyp):
Developing an AI-driven marketplace for PC components in FYP with intelligent matching, market insights, and RAG-based build recommendations using Next.js, Supabase, and AI/ML tools.

Activities, Honors & Awards

Data Engineering Bootcamp by DataPilot: Hands on experience Data ingestion ,ETL tools, Data Analysis, Web Scraping EDA, Amazon AWS, Talend, PostgreSQL GCP, Cloud Services
Internship at Arbisoft, **Lahore**: Hands on experience (React, Django, DRF), Pep8, ESLint
Internship at Mindstorm studios, Lahore: Hands on experience (Unity, C#, Game Design and Development

Skills & Tools

Data: AI, Machine Learning, AWS, ETL tools (Fivetrain, Datddo, Talend), Python, PostgreSQL, Web Scraping
Programming & Development: React JS, Django Rest Framework, Python, C#, Front-end & Back
end Development
Game Development & Rendering: Unity 2D/3D, C#
Software Engineering: Clean Code, Project Management, Time Management

Interests & Hobbies

Sports, Cricket, Football, Reading Articles Related to AI, Machine Learning, Data Engineering and Data pipelines