NOOR UL AIN SALAMAT KHAN

Developer & Data Science Student

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CAREER OVERVIEW

Second-year Data Science undergraduate with a strong foundation in analytical programming and software development. Experienced in building web applications and exploring data-driven insights. Currently expanding expertise into Python-based desktop applications and Android development using Kotlin. A dedicated learner balancing academic excellence with practical experience in technical content creation and teaching assistance.

TECHNICAL SKILLS

- **Data Science:** Python for Data Analysis, Basic Machine Learning Concepts, Data Cleaning & Visualization (Pandas, NumPy, Matplotlib,).
- **Web Development:** HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, Tailwind CSS.
- **Software & App Development (Basic):** Desktop Applications (Python), Android Development (Kotlin, Jetpack Compose).
- **Programming Languages:** Python, JavaScript, Java, Kotlin.
- **Databases:** MySQL, SQLite3.
- **Tools:** Git/GitHub, WordPress, Prompt Engineering, Canva.

EDUCATION

Bachelor of Science in Data Science (Undergraduate) | 2025 – Present *Jinnah University for Women* – Second Year

Intermediate (Pre-Medical) | 2020 – 2023 *Al-Khair College of Higher Education*

Matriculation (Science) | 2008 – 2020 *MD Grammar School*

PROJECTS (BASIC)

- **Leave Management System (Desktop Application):**

  - Developed a GUI-based desktop application using **Python** to automate employee leave requests and approvals.

- Implemented local data storage to manage records efficiently and streamline administrative tasks.

- **Inventory Management System (Desktop Application):**

  - Designed and built a system to track stock levels, sales, and orders using **Python**.
  - Focused on creating a user-friendly interface for real-time inventory monitoring and data entry.

- **Pomodoro & Productivity App (Android):**

  - Developed a feature-rich productivity application using **Kotlin** and **Jetpack Compose**.
  - Integrated a **Pomodoro Timer** to manage focus sessions and a **Notes** module for task organization.
  - Implemented a **Quotes API** for daily motivation and a dedicated **Addiction Tracking** module to monitor habits.
  - Built an **AI Chat** interface to provide users with an interactive, intelligent assistant experience.

- **Smart QR/Barcode Scanner (Android - Ongoing):**

  - Developing a comprehensive scanning tool using **Jetpack Compose** and **CameraX**.
  - Successfully implemented **QR/Barcode Generation** and **Real-time Scanning** functionalities.
  - *Status:* Currently refining the data storage and history features (In-progress).

- **Real-time Crypto Tracker (React & Tailwind CSS):**

  - Developed a dynamic dashboard displaying real-time data for the **Top 50 Cryptocurrencies** using external APIs.
  - Implemented features to track price fluctuations over the **last 24 hours** and integrated a **Risk & Stability Prediction** module based on market volatility.
  - Designed a fully responsive UI using **Tailwind CSS** for seamless viewing across devices.

- **Aein Talk - Full-Stack Chat Application (Node.js, Express & MySQL):**

  - Engineered a secure messaging platform with a complete **Backend (Node.js/Express)** and **MySQL** database integration.
  - Implemented User Authentication (**Register/Login/Logout**) and persistent **Chat History** with organized chat titles.
  - Managed relational data structures to ensure fast retrieval of user messages and profile information.

- **KDrama Explore (API-based Web App):**

  - Built an interactive platform to explore the latest Korean dramas using **REST APIs**.

- Focused on a high-end visual aesthetic and **SEO-friendly** structure to attract and engage users effectively.

- **Professional Portfolio Website (React, TypeScript & Tailwind):**

  - Developed a modern, type-safe personal portfolio using **TypeScript** and **React** to showcase technical projects and skills.
  - Utilized **Tailwind CSS** for a clean, professional, and minimalist design.

- **COVID-19 Learning Module (React):**

  - Created an educational web project focused on **Corona-related data and modules**, providing structured learning and awareness information through an interactive interface.

EXPERIENCE

Course Content Creator (AI-Assisted) | 1 Year

- Designed structured course outlines, learning outcomes, and technical quizzes using GPT-based tools.
- Focused on creating clear educational modules for technical subjects.

Teacher Assistant (Data Science) | 4 Months

- Assisted in delivering Data Science course material, helping students with coding assignments and logic building in Python.

CERTIFICATIONS

- **One-Year Programming Course** – Porti Lab (2023-2024)
- **Python for Data Science, AI & Development** – IBM | Coursera
- **IT Customer Basics** – Cisco Networking Academy

OTHER STRENGTHS

- Technical Content Creation & Management.
- Team collaboration and project coordination.
- Data-driven problem-solving.