Kashif Ahmed

ikashifahmed786@gmail.com +92 334 1024347 Karachi, Pakistan
linkedin.com/in/kashif-ahmed github.com/kashif-ahmed64

Computer Science Graduate with hands-on experience in Python development, backend systems, data-driven applications, and full-stack software solutions. Demonstrated ability to design, develop, test, and deploy scalable applications through academic projects, client work, and self-initiated development. Adaptable, fast-learning, and capable of contributing effectively across diverse technical roles and domains.

Education

Bachelor of Science (BS) in Computer Science (2021-2025)
Institute of Business Administration (IBA), Sukkur
- Awarded **Top 10 Merit-Based Scholarship**

Experience

AI Model Trainer & Python Specialist (OCT 2023-DEC 2023)
Remotask (Scale AI)
- Worked on Python-based tasks involving logic evaluation, data validation, and response optimization.
- Trained and evaluated AI models in mathematical and computer science domains.
- Improved model outputs through structured feedback and edge-case testing.

Software Engineer
HealthWiz – Healthcare Diagnostics Platform
- Designed and developed responsive front-end for patient reports and diagnostics.
- Implemented backend-ready data flows for uploading, tracking, and viewing medical reports.
- Collaborated with stakeholders to translate requirements into functional software modules.

Python Developer / Software Engineer
Academic & Self-Driven Projects
- Built multiple Python-based applications including ML pipelines, REST APIs, and automation scripts.
- Developed full-stack systems using Flask, React, and MongoDB for real-world use cases.
- Applied software engineering principles: modular design, version control, debugging, and testing.
- Worked extensively with data processing, feature engineering, and model integration.

Projects

AI-Powered Emergency Classification System (Final Year Project) June 2024
- Developed speech-to-text pipeline and BiLSTM-based classification system using Python.
- Integrated VoIP/GSM communication for real-time emergency reporting.
- Built admin dashboard for report management, logs, and system monitoring.

Human Action Recognition – UCF101 Dataset (Computer Vision)
- Built a human action recognition model using the UCF101 video dataset.
- Performed video pre-processing, frame extraction, and CNN-based classification.
- Trained and evaluated models to recognize multiple human actions.

Employee Management System – Desktop Application .NET (C #)
- Designed and developed a full-featured desktop application to manage employee records.
- Implemented CRUD operations, search, and filtering with persistent local storage.
- Built user-friendly UI with input validation, error handling, and confirmation workflows.
- Applied modular design principles and version control best practices.

Courses

- Python for Everybody – University of Michigan (Coursera)
- Python for Data Science (FreeCodeCamp)
- Version Control with Git
- Stanford CME295 – Transformers & LLMs
- Introduction to Model Context Protocol (Anthropic)

Technical Skills

- **Languages:** Python, C++, Java, SQL, JavaScript, C#, TypeScript
- **Backend:** Flask, REST APIs, MongoDB, PostgreSQL, MySQL, SQLite
- **Frontend:** HTML5/CSS3, JavaScript(ES6+), React, React Native, Tailwind
- **ML/Data:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, PyTorch
- **Tools:** Git, GitHub, VS Code, Jupyter, Cursor AI, Anti-Gravity, Docker, Loveable Ai