TALHA MEHMOOD

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SUMMARY

Detail-oriented Software Engineer with expertise in Artificial Intelligence and Machine Learning, reinforced by a hands-on internship in these domains. Proven skills in Android mobile development. Strong problem-solving abilities, coupled with excellent communication skills, ensure effective collaboration. Dedicated to delivering quality software solutions and thriving in dynamic, team-oriented environments.

WORK EXPERIENCE

Internship, Python Developer at V3 Solutions.   Jul 2023 - Oct 2023

- Designed, implemented, and tested Python applications. Focused on AI and ML projects, participated in the full software development lifecycle, and developed ML models. Conducted research on AI/ML trends and documented processes and code.

Brain Hemorrhage Detection System   Jan 2023 - Jun 2023

- Contributed to a team project focused on developing a Brain Hemorrhage Detection System.
- Used Python and machine learning techniques for image analysis.
- Employed YOLO for object detection and Roboflow for annotating DICOM images.
- Aimed to enhance diagnostic accuracy in identifying brain hemorrhages from medical images.

Android Application Developement   Oct 2023 - June 2024

- Developed Coride, a Ride Sharing app using Flutter, Firebase, Dart, and Google Maps.
- Enabled real-time location tracking, navigation, and user authentication.
- Enhanced functionality with web scraping for ride information retrieval.

NOTEABLE PROJECTS

- Dicom Images Brain Hemorrhage Detection (Python and Artificial Intelligence)
- Cancer Cells Detection and Classification Using CNN (Model Training, C# WPF)
- Sports match teams win prediction using Linear Regression.
- Fradulent credit card transaction detection using LSTM.

EDUCATION

Bachelor of Science in Software Engineering   Oct 2020 - Jun 2024
National Textile University

- Final CGPA: 3.41

RESIDENCY

If Work Permit not offered by company I will manage by myself.

KEY SKILLS

- Programming Languages: Python, Dart
- Artificial Intelligence and Machine Learning: Frameworks, machine learning algorithms, data preprocessing.
- Mobile App Development: Flutter, Dart
- Problem Solving: analytical skills, troubleshooting, debugging
- Collaboration and Communication: cross-functional teams, verbal and written communication