Profile

Eager and proactive student, always looking for opportunities to enhance my career.

Contact Information

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GitHub: AbdulRahmaan03

Top Skills

Python, Java, MySQL, C/C++
Computer Vision
Deep Learning
Machine Learning
Natural Language Processing

Soft Skills

Multi-tasking Team
Management
Curious Learner

Honors-Awards

First prize for Winning the Infinity Saga Competition conducted by the Association for Computing Machinery at BITS Pilani – Dubai Campus (Apr 23)

Awarded a 100% scholarship for Udacity Introduction to Machine Learning with TensorFlow (Feb 22)

Languages

Hindi / Urdu (Native or Bilingual) English (Full Working Proficiency) Arabic (Limited Working Proficiency)

Abdul Rahmaan Ansari

Education

Birla Institute of Technology and Science, Pilani Dubai · (Sep 2020 – Aug 2024)
CGPA: 8.31
Courses Completed: AI, Data Mining, DAA, DSA, DMBS, OOP, NLP, NNFL

Sharjah Indian School, Sharjah · (Apr 2009 – Mar 2020)
Class XII: 85.2%

Experience

AI Engineer Intern, BOVA IT
January 2024 – Present (4 months)
- Performing R&D to provide a unique solution for Anti-Counterfeiting.
- Developing a Receipt Scanner using Computer Vision and NLP.

Professional Assistant for Database Systems Lab, BITS Pilani Dubai Campus
March 2023 - May 2023 (3 months)
- Assisted second-year lab students in clarifying their MySQL query doubts.
- Explained Database Systems concepts.

Software Development Intern, Missan IT Solutions
June 2022 - August 2022 (3 months)
- Worked under a senior IT specialist and head of technical services on creating internal software for the MSP audit process.
- Skills: Python, IT Audit, Network Analyzer, and IT Strategy.

Projects

Skin Lesions Classification (Sep 23 – Dec 23)
- Implemented Multi-Stage Transfer Learning to accurately predict and classify the most common skin diseases using the DERMNET dataset.
- Achieved a classification accuracy of 95.92%.

Plant Leaf Disease Classification (Aug 23)
- Built a full-stack application to classify plants based on the features learnt from their leaf images.
- Used TensorFlow for classification, and Fast API to host the application on Postman API.

Career Advisor (Feb 23 - May 23)
- Developed an interactive web app that parses and extracts skills from user-uploaded resumes and integrates with ChatGPT API to provide personalized job recommendations.
- The application provides personalized roadmaps to users with clear steps to achieve their career goals.

Publications

- Crime Prediction and Forecasting Using a Statistical and Deep Learning Approach, Journal of Applied Security Research (Published, Feb 24).

Certifications

- Udacity Introduction to Machine Learning with TensorFlow. (Sep 22)

Extra-Curricular

- Placed among the top 15 teams at the BITS Pilani Postman API Hackathon 2.0. (Nov 22)
- Member of the Association for Computing Machinery at BITS Pilani – Dubai Campus. (Sep 22 - Present)
- Volunteered in Spectrum at BITS Pilani Dubai Campus. It's a day filled with fun activities, performances, and exciting interactions for the children of determination. (Apr 23).