Vikas Pathak

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Education

VIT Bhopal University	**09/2022 – Ongoing**
Bachelor of Technology in Computer Science, 8.58 CGPA	*Bhopal Madhya Pradesh*
GN National Public School	**07/2019 – 06/2021**
Higher Secondary Certificate, 86.40 Percentage	*Gorakhpur, Uttar Pradesh*
Surya International Senior Secondary School	**07/2017 – 06/2019**
Secondary School Certificate, 91.40 Percentage	*Khalilabad, Uttar Pradesh*

Coursework

Courses: Object-Oriented Programming, Data Structures & Algorithm , Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics, DBMS, Machine Learning, Operating System

Certification: Cloud Computing NPTEL(2024), Bits and Bytes of Computer Networking, MATLAB Onramp, Smart India Hackathon participation certificate(2024), IBM Cyber Security Analyst

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS
Tools: GitHub, VS Code,PyCharm/IDEA, n8n
Frameworks: React, Node.js
Libraries: pandas, NumPy, Matplotlib, PyTorch, OpenCV, Tensorflow

Projects

Emotion Detector | *Pandas,Tensorflow, PyTorch, OpenCV,VS Code*   Nov 2023
- Team project for the Project Exhibition-1 2023
- Developed a machine learning model using the using Tensorflow and OpenCV python library which detect real time face emotion using machine learning algorithm
- Learned how to implement TensorFlow, Pytorch, OpenCV

DeepFake Detection | *Panda,Tensorflow, PyTorch,VS Code*   May 2023
- Developed a machine learning model using the using Tensorflow and python library which detect deep fakes using machine learning algorithm
- Learned how to implement TensorFlow, Pytorch, Pandas
- Collaborated with social media platforms to detect deep fakes on platforms
- Solved problems relating to Deep Fakes

Automated email Invoice Processing System | *n8n workflow, AirTable, Google Drive, Open Router*   Feb 2024
- AI-Powered Classification: Used OpenRouter (LLM) to classify emails into invoices, quote pricing, or new quote requests.
- Automated Data Extraction: Parsed invoice details (number, date, amount, vendor, customer, items) using AI.
- Workflow Automation: Integrated with AirTable for real-time tracking.
- solve the problem of time and use of human resource for parsing invoices from email.

Experience

Tsuroni Ltd. | *Intern*   Mar 2025 – Present
Involved in creating n8n workflow for automation

Student Internship Program | *Member*   Oct 2024 – Present
Work to increase cyber awareness among common people