Vikas Pathak

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Education

VIT Bhopal University	**09/2022 – Ongoing**
Bachelor of Technology in Computer Science, 8.61 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, Marketing Analytics NPTEL(2025)

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS
Tools: GitHub, VS Code,PyCharm/IDEA,AWS, 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 Tensorflow and OpenCV python library which detect real time face emotion
- Learned how to implement TensorFlow, Pytorch, OpenCV

Automated email Invoice Processing System | *n8n, AirTable, Google Drive, Open Router* — Feb 2025

- AI-Powered Classification: Used OpenRouter (LLM) to extract 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. — Israel — Apr 2025 – jun 2025
AI Workflow Automation Intern — Remote
- Developing and implementing ***AI Agent workflows on n8n*** to automate complex business processes and improve efficiency.
- Collaborating with teams to identify automation opportunities and integrate AI solutions for optimized operations.
- Built end-to-end systems that extract, analyze, and process data (e.g., invoices, emails, reports) with real-time updates and minimal human intervention.

Student Internship Program — Oct 2024 – Present
Member, Cybersecurity Awareness Initiative
- Working with Bhopal Police to increase ***cyber awareness*** among the general public through educational campaigns and outreach programs.
- Developing and delivering engaging content to educate individuals on best practices for online safety and data protection.