



Vikas Pathak

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science, 8.61 CGPA

GN National Public School

Higher Secondary Certificate, 86.40 Percentage

Surya International Senior Secondary School

Secondary School Certificate, 91.40 Percentage

09/2022 – Ongoing

Bhopal Madhya Pradesh

07/2019 – 06/2021

Gorakhpur, Uttar Pradesh

07/2017 – 06/2019

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

DeepFake Detection | *Pandas, Tensorflow, PyTorch, VS Code*

May 2023

- Implemented a machine learning model using the using Tensorflow and python library which detect deep fakes using machine learning algorithm
- Solved problems relating to deepfakes

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

Feb 2024

- 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.

Mar 2025 – Present

AI Workflow Automation Intern

- 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.

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.