




Vikas Pathak

 [vikaspathak0911](#)  [vikaspathak11/](#)  vikaspathak0911@gmail.com

Education

VIT Bhopal University <i>Bachelor of Technology in Computer Science, 8.62 CGPA</i>	09/2022 – Ongoing <i>Bhopal Madhya Pradesh</i>
GN National Public School <i>Higher Secondary Certificate, 86.40 %</i>	07/2019 – 06/2021 <i>Gorakhpur, Uttar Pradesh</i>
Surya International Senior Secondary School <i>Secondary School Certificate, 91.40 %</i>	07/2017 – 06/2019 <i>Khalilabad, Uttar Pradesh</i>

Coursework

Courses: OOPs, DSA , Discrete Math, Linear Algebra, Calculus, Probability & Statistics, DBMS, ML, OS
Certification: Cloud Computing NPTEL(2024), Bits and Bytes of Computer Networking , SIH certificate(2024), Marketing Analytics NPTEL(2025), Zenken N5

Technical Skills

Languages:Python, Java, JavaScript, HTML/CSS **Tools:** GitHub, VS Code, AWS, n8n
Libraries: pandas, NumPy, Matplotlib, PyTorch, OpenCV, Tensorflow

Projects

Emotion Detector <i>Pandas, Tensorflow, PyTorch, OpenCV, VS Code, Kaggle API</i>	Nov 2023
<ul style="list-style-type: none">Developed a machine learning model using the Tensorflow and OpenCV python library which detect real time face emotionLearned how to implement TensorFlow, Pytorch, OpenCV	
Plant Disease Detection Using CNN <i>Python, TensorFlow, Keras, Kaggle API, Matplotlib</i>	Mar 2025
<ul style="list-style-type: none">Developed a convolutional neural network model to accurately classify plant diseases using leaf images.Utilized ImageDataGenerator for real-time augmentation and created efficient training and validation data splits.Achieved over 86% validation accuracy across 38 categories, demonstrating robust classification performance.Designed a preprocessing and prediction pipeline to enable easy deployment of the disease detection system.	
PDF QA System <i>Python, LangChain, Astra DB, Gemini, PyPDF2</i>	July 2025
<ul style="list-style-type: none">Automated PDF text extraction, semantic indexing using Astra DB, and implemented AI-powered QnA with Gemini LLM for document-based answers.Enhanced response quality by generating structured answers via LLM prompting and built an interactive user loop that reduces manual search and verifies sources for accuracy.	

Experience

Tsuroni Ltd. — Israel <i>AI Workflow Automation Intern — Remote</i>	Apr 2025 – jun 2025
<ul style="list-style-type: none">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 <i>Member, Cybersecurity Awareness Initiative</i>	Oct 2024 – Present
<ul style="list-style-type: none">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.	