

Vikas Pathak

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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 Percentage</i>	07/2019 – 06/2021 <i>Gorakhpur, Uttar Pradesh</i>
Surya International Senior Secondary School <i>Secondary School Certificate, 91.40 Percentage</i>	07/2017 – 06/2019 <i>Khalilabad, Uttar Pradesh</i>

Coursework

Courses: OOPs, DSA , Discrete Math, Linear Algebra, Calculus, Probability & Statistics, DBMS, ML, OS, DBMS
Certification: Cloud Computing NPTEL(2024), IBM Cyber Security Analyst, Marketing Analytics NPTEL(2025)

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS, SQL	Tools: GitHub, VS Code, AWS, n8n
Libraries: pandas, NumPy, Matplotlib	

Projects

Automated Technical and Sentiment Analysis Bot <i>n8n, TradingView API, Azure OpenAI, Gemini</i>	July 2025
<ul style="list-style-type: none">n8n workflow to generate technical analysis charts using TradingView API, delivering results via Telegram.Utilized Azure OpenAI and Google Gemini for price action, volume profile, and sentiment analysis.Combined news APIs and LLMs to summarize market sentiment and key news for tickers.Managed real-time tracking and logs using Google Sheets for audit and analysis storage.	
Automated email Invoice Processing System <i>n8n, AirTable, Google Drive, Open Router</i>	Feb 2025
<ul style="list-style-type: none">AI-Powered Classification and Data Extraction: Used OpenRouter (LLM) to extract quote pricing and new quote requests, and parsed invoice details (number, date, amount, vendor, customer, items) using AI.Workflow Automation and Efficiency: Integrated with AirTable for real-time tracking, significantly reducing time and human resource efforts required for parsing invoices from emails.	
Automated SEO Keyword Research & Blog Writing System <i>n8n, Azure OpenAI, ScraperAPI</i>	June 2025
<ul style="list-style-type: none">n8n workflow to find trending sub-topics and SEO keywords by parsing top-ranked websites using ScraperAPI.Automated content scraping and AI summarization to extract key insights for blog writing.Designed a multi-agent pipeline to generate SEO-optimized, humanized blog articles with semantic HTML formatting, integrating automatic storage of HTML files and keyword data in Google Drive and Sheets.	

Experience

Tsuroni Ltd. — Israel	Apr 2025 – jun 2025
<i>AI Workflow Automation Intern — Remote</i>	
<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	Oct 2024 – Present
<i>Member, Cybersecurity Awareness Initiative</i>	
<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.	