

# VIVEK SOLANKI

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🌐 LinkedIn

🐙 GitHub

🌐 Portfolio

## EDUCATION

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| <b>Charotar University of Science and Technology, Anand, Gujarat</b><br><i>Bachelor of Technology in Artificial Intelligence &amp; Machine Learning (8.18)</i> | Sep 2022 – April 2026<br><i>Anand</i> |
| <b>St Mary's High School, Nadiad, Gujarat</b><br><i>Class XII in Science (65%ile)</i>                                                                          | 2022<br><i>Nadiad</i>                 |
| <b>St Ursula High School, Dabhan, Gujarat</b><br><i>Class X in Board (95.06%ile)</i>                                                                           | 2020<br><i>Dabhan</i>                 |

## PROFESSIONAL EXPERIENCE

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| <b>Exovance Global</b><br><i>AI Intern</i>                                                                                                                                                                                                                                                                                                                                                                              | Nov 2025 – Present<br><i>On-Site – Gujarat</i>    |
| <ul style="list-style-type: none"><li>Working on the Loan Intel project focused on AI-driven document intelligence and income analysis automation. Implemented PDF text extraction using AWS Textract and optimized LLM-based structured data extraction pipelines.</li><li>Designed and optimized prompt engineering workflows to improve accuracy and reliability of AI-driven document processing systems.</li></ul> |                                                   |
| <b>Lyrcon Solutions</b><br><i>AI/ML Intern</i>                                                                                                                                                                                                                                                                                                                                                                          | May 2025 – August 2025<br><i>Remote – Gujarat</i> |
| <ul style="list-style-type: none"><li>Developed extractive and abstractive summarization models using BART and mBART. Preprocessed datasets, evaluated performance, and deployed solutions using Streamlit and Colab.</li></ul>                                                                                                                                                                                         |                                                   |
| <b>Tech Elecon</b><br><i>Data Science Intern</i>                                                                                                                                                                                                                                                                                                                                                                        | May 2024 – June 2024<br><i>On-Site – Gujarat</i>  |
| <ul style="list-style-type: none"><li>Analyzed large datasets and built predictive ML models using Python. Developed dashboards and delivered data-driven business insights.</li></ul>                                                                                                                                                                                                                                  |                                                   |

## TECHNICAL SKILLS

**Languages:** Python, SQL, C/C++, JavaScript, HTML/CSS  
**Frameworks & Libraries:** Django, FastAPI, Flask, React, TensorFlow, PyTorch, Keras, LangChain, LangGraph, Streamlit, OpenCV  
**AI/ML:** Machine Learning, Deep Learning, Generative AI, NLP, RAG, OCR, AI Agents, Prompt Engineering  
**Databases:** MySQL, SQLite, Supabase, PostgreSQL  
**Tools:** Git, GitHub, Docker, n8n, Power BI, Tableau, Postman, Figma, Jupyter Notebook, Google Colab, VS Code

## PROJECTS

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| <b>AI Invoice Extractor</b>   <i>React, FastAPI, Supabase, Gemini Vision, TailwindCSS</i>                                                                                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"><li>Built an end-to-end invoice processing platform that extracts data in under 5 seconds with 95%+ accuracy, supporting PDF, PNG, and JPG formats.</li><li>Eliminated manual data entry by integrating Google Gemini 2.0 Flash Vision, reducing invoice processing work by up to 90%.</li></ul>                                                                                  |
| <b>Geo Tech Analyser</b>   <i>React, Next.js, FastAPI, Gemini Flash API, Supabase, Recharts, ReportLab</i>                                                                                                                                                                                                                                                                                                          |
| <ul style="list-style-type: none"><li>Automated analysis of large soil investigation reports, extracting borehole data, lithology information, and depth-wise SPT N-values from PDFs within seconds.</li><li>Calculated geotechnical risk ratings and generated shallow footing vs. deep pile foundation recommendations, producing fully formatted PDF reports and eliminating hours of manual analysis.</li></ul> |
| <b>AI Employee Onboarding with n8n</b>   <i>n8n, Groq LLaMA3, Gmail, Slack, Notion, Google Calendar</i>                                                                                                                                                                                                                                                                                                             |
| <ul style="list-style-type: none"><li>Automated full employee onboarding in under 30 seconds, from form submission to welcome email, Slack alert, Notion task assignment, and Google Calendar scheduling.</li><li>Integrated Gmail, Slack, Notion, and Google Calendar with zero manual intervention, eliminating repetitive onboarding tasks and human errors.</li></ul>                                           |

## ACHIEVEMENTS

- NPTEL Certifications: Data Structures and Algorithms, Introduction to Machine Learning
- Certification: Data Visualization – Empowering Business with Effective Insights
- Competed in various hackathons showcasing problem-solving skills
- Currently learning Indian classical music (Tabla)