

# MAYUR PANCHAL

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## SUMMARY

Results-oriented and motivated AI/ML professional with a strong background in software development. Skilled in Python, Java, and a range of AI/ML technologies including NLP and data mining. Proven ability to create, deploy, and document AI-powered applications, as demonstrated by an internship at IBM where an AI-powered code snippet generator was developed. Seeking a challenging role to leverage technical expertise and drive engineering excellence

## SKILLS

- |                      |                 |                                     |
|----------------------|-----------------|-------------------------------------|
| • AI/ML              | • Python        | • Natural Language Processing (NLP) |
| • HTML/CSS           | • Python Django | • SQL                               |
| • Java/Advanced Java | • REST APIs     | • Data Mining                       |

## SOFT SKILLS

- |                 |                   |             |                   |
|-----------------|-------------------|-------------|-------------------|
| • Communication | • Problem solving | • Team work | • Time management |
|-----------------|-------------------|-------------|-------------------|

## PROFESSIONAL EXPERIENCE

### Summer Internship - Generative AI, IBM

July 2, 2025 - July 17, 2025

- Completed intensive hands-on training covering Generative AI fundamentals, prompt engineering, and foundation models (LLMs, GANs, VAEs, Diffusion).
- Built Python-based GenAI applications for text, image, and data augmentation tasks using tools like Jupyter, Google Colab, and REST APIs.
- Designed and delivered a capstone project prototype applying GenAI to real-world business workflows with ethical and responsible AI considerations.
- Gained practical experience in OpenAI GPT, Google Gemini, and other GenAI platforms for automation and content generation.
- **In Project** : Built an AI-powered Code Snippet Generator using Python, Django, and Gemini 1.5 Flash API to generate code from natural language prompts.
- Deployed on Render.com as part of the IBM SkillsNetwork Internship, integrating secure API handling and responsive frontend design.
- **Project link** : <https://code-snippet-1-ewvd.onrender.com>

## EDUCATION

### Bachelor of Science in Computer Science and Engineering (CSE)

Sep 2022 - May 2026

Shri Sad Vidhyamandal Institute Of Technology, Bharuch, Gujarat, India (GTU)

**CGPA : 7.50**

## ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Gujarati
- **Certifications:** IBM - Project on CodeGenie: Code Snippet Generator, Linkverse-Frontend Web Development using AI tools, Deloitte Australia - Data Analytics Job Simulation, Tata Group - GenAI Powered Data Analytics Job Simulation, Google For Developers - Android Developer virtual internship
- **Date of birth:** 27 jan 2005
- **Gender:** Male