

AVANTIKA GUPTA

Electrical Engineering Graduate | Aspiring AI & Technology Professional

Phone: 6005829477 | **Email:** avantikamahajan001@gmail.com | **GitHub:**

<https://github.com/codewithavantika>

PROFESSIONAL SUMMARY

Motivated Electrical Engineering graduate with hands-on experience in Python, AI, and Large Language Models (LLMs). Building real-world AI applications using local LLMs, REST APIs, and structured prompt engineering. Strong communication, analytical, and organizational skills, with experience in internships, volunteering, and leadership roles. Seeking opportunities to contribute to technology-driven teams while continuously enhancing technical expertise.

TECHNICAL SKILLS

- **Programming & AI:** Python, AI & LLMs, Prompt Engineering, REST API Integration
 - **Web & Software:** HTML, C Programming
 - **Tools:** MS Excel, MS Word, MS PowerPoint
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PROJECTS

AI Company Brochure Generator

GitHub Repository: <https://github.com/codewithavantika/company-brochure-generator>

Python, Ollama (TinyLLaMA), REST API, Prompt Engineering

- Developed an AI tool to generate professional company brochures from user inputs.

- Generated structured sections: About Company, Products & Services, Value Proposition, Call to Action.
- Saved outputs in JSON format; used Git/GitHub for version control.

AI Resume Analyzer & Job Match Assistant

Python, Ollama (TinyLLaMA), Prompt Engineering, JSON

- Built an AI tool to analyze resumes against job roles and provide skill-gap suggestions.
 - Generated structured outputs: strengths, missing skills, and actionable recommendations.
 - Integrated local LLM inference via Ollama API.
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EDUCATION

Bachelor of Engineering in Electrical Engineering (2019 – 2023)

Government College of Engineering and Technology

Higher Secondary (Non-Medical)

Carmel Convent Higher Secondary School

Additional Preparation:

- Competitive Exam Preparation (2024 – 2025)
 - AI & LLM Development Course (*Ongoing*)
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EXPERIENCE

- Administration Intern – Stirring Minds | Jul 2020 – Aug 2020
- Content Writing Intern – Revolux Solutions | Aug 2020 – Nov 2020
- Campus Ambassador – IIT Delhi
- Business Development Intern – Innovators and You
- Secretary – Climate Front India

- Member – Global Youth Technology and Innovation Council
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CERTIFICATIONS

- AI & Large Language Models (LLMs) – Udemy (*Ongoing*)
 - Android App Development – Internshala
 - Introduction to Law of Electricity – IIT Kharagpur
 - Psychology of Stress and Mental Health – IIT Roorkee
 - Advances in Strategic Human Resource Management – IIT Bombay
 - Industrial Training – Grid Station (JKPTC)
 - Industrial Training – Baglihar Dam
 - National Level Quiz Competition on Electronics
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VOLUNTEERING:

- Hamari Pehchan – COVID-19 Crowdfunding
- GirlUp JK Organization – Welfare of Women