Garvit Audichya

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PROFILE SUMMARY

Third-year Computer Science student with specialization in AI & ML, demonstrated through multiple GitHub Repositories related to ML. Experienced in Python and scikit-learn with hands-on experience deploying ML solutions for multiple users. Proven leadership in technical teams and hackathon competitions, seeking to leverage machine learning expertise in data-driven problem solving.

EDUCATION

VIT Bhopal University *Bhopal, India*

Bachelor of Technology in **Computer Science & Engineering** (Specialization in **AI & ML**) *2023 – 2027*

- 9.16 CGPA (Current)

Higher Secondary School Certificate (HSSC) *2021-2023*

- 93%

Secondary School Certificate (SSC) *2019-2021*

- 96.4%

SKILLS

Technical: Python3, Data Analysis, Machine Learning, Deep Learning, Data Structures
Tools: Jupyter Notebook, VS Code, Git & GitHub, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, NumPy

CERTIFICATIONS

- Data Science using Python by iamneo – July'25 (*link*)
- GEN AI using IBM Watsonx by IBM Developer Skill Network – June'25 (*link*)

EXPERIENCE

Android Club, VIT Bhopal *Bhopal, India*

Research & Development Team, ML Dept. *December,2024 – Present*

- Deployed and maintained Laptop-Price-Predictor during AcWoC'25.
- Participated in weekly R&D discussions and contributed to architectural decisions.

Health-o-Tech Club, VIT Bhopal *Bhopal, India*

Technical Team *November,2024 – Present*

- Led the technical support team of 5 during Hack4Health, assisting participants and troubleshooting technical issues.
- Contributed in creating and deploying Club's website used by 100+ students of college.

PROJECTS

Project Summary: Solar Panel Efficiency Prediction *May,2025 – July,2025*

- Developed a machine learning solution to predict solar panel efficiency by preprocessing data, univariate and bivariate weight analysis, engineering features, and benchmarking multiple regression models.
- Leveraged Python, pandas, scikit-learn (for data processing and model evaluation), and LightGBM for high-performance gradient boosting.
- Achieved the highest prediction accuracy of 89.65% on unseen test data with LightGBM, enabling more reliable operational decisions and maintenance planning for solar panel systems.

Project Summary: Poetry Generation using Generative AI *June,2025 – July,2025*

- Fine-tuned GPT-2 model on classic poetry datasets.
- Built interactive web GUI using Gradio with adjustable parameters for real-time poem generation based.
- Compared the model performance with *Llama-3.2-1B-Instruct-GGUF for* accuracy and feedback.

ACHIEVEMENTS

- Led a team of 3 to top 5% in Zelestra X AWS ML Ascend Challenge – 2nd Edition
- Led a team of 5 to semi-final of Health Hackathon by John Hopkins and VIT Bhopal University