Vikas Vodnala

Python Developer

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| Portfolio: vikasvodnala.dev

PROFESSIONAL SUMMARY

Self-motivated and detail-oriented AI and software engineering enthusiast with hands-on experience in Python, machine learning, and software development. Strong foundation in data structures, algorithms, and cloud technologies. Proven ability to work on real-world projects, collaborate in team environments, and deliver data-driven solutions. Actively seeking an entry-level role to apply academic knowledge and grow in a dynamic software development environment.

EDUCATION

Bachelor of Technology in Computer Science (AI & ML)
St. Martin's Engineering College, Hyderabad
Nov 2022 – May 2026 | **Percentage:**71%

Intermediate
June 2021 – May 2022| **Percentage:**78.8%

Class 10th
May 2020 | **Percentage:**93.1%

Relevant Coursework:

- Machine Learning, Deep Learning, Data Structures & Algorithms, Database Systems, Operating Systems, Computer Vision, Natural Language Processing, Cloud Computing

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TECHNICAL SKILLS

Languages & Frameworks: Python, Java (basic), Flask, Django
AI/ML Tools: Scikit-learn, TensorFlow, Keras, OpenCV, NLTK, Pandas, NumPy
Databases: MySQL, MongoDB
Version Control: Git, GitHub
Cloud: Google Cloud Platform (GCP), Firebase (basic)
Tools: Jupyter Notebook, VS Code, Postman, Power BI (basic)
Soft Skills: Problem-Solving, Communication, Teamwork, Leadership

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PROJECTS

1. Flood Forecasting using Federated Learning
Python, Scikit-learn, Flask

- Built a ML model to predict predicts floods on using classification algorithms.
- Achieved an accuracy of 86% using FFNN & CNN
- Integrated Tkinter for a simple and interactive user interface.

2. Online Crime Reporting System
Java, Html, Css, SQL,

- Developed a online Fir filing system for easy interaction with police
- Used java language for the Backend development

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INTERNSHIPS & TRAINING

Java Internship – Nil tech edu

Nov 2024 – Dec 2024

- Gained exposure to java and its Industry applications

Python Programming Training – Geeks for Geeks

Jan 2024 – Feb 2024

- Completed 40+ hours of practical Python exercises and real-time projects.

CERTIFICATIONS

- **AI & ML Engineering Certificate** – Reliance foundation(Skill India Digital Hub)
- **Career Essentials in Generative AI** – Microsoft (Linkedin Learning)
- **Data Structures and Algorithms in Python** – Geeks for Geeks

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ACHIEVEMENTS & EXTRACURRICULARS

- Member – College Coding Club (organized weekly coding challenges)

PERSONAL DETAILS

Location: Jagtial, Telangana,505455

Languages Known: English, Telugu, Hindi

Availability: Immediate