VIGHNESH SAHU
PYTHON DEVELOPER

CONTACT

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SOFT SKILLS

- Team Collaboration
- Time Management
- Work Ethic
- Creative Thinking
- Problem-Solving Ability Critical

TECH SKILLS

Core Python • Data Structures • OOP (Object-Oriented Programming) • File Handling • NumPy • Pandas • Matplotlib • Seaborn • Django • Flask • FastAPI • MySQL • MongoDB • REST APIs • JSON • GitHub • GitLab • Docker • AWS EC2 • Apache • PyCharm • VS Code • Jupyter Notebook

LANGUAGES

- English
- Hindi
- Marathi

PROFILE

Motivated Python Developer (Fresher) with hands-on experience in building RESTful APIs, backend logic, and managing MySQL/MongoDB databases using Django, Flask, and FastAPI. Strong understanding of SDLC, Core Python, and OOP principles. Passionate about writing clean, maintainable code and solving real-world problems using technology and data-driven solutions.

EDUCATION

Indian Institute Of Information Technology Guwahati
BACHELOR OF TECHNOLOGY: COMPUTER SCIENCE
(2021 - 2025)

PROJECTS

STOCK PRICE PREDICTION USING MACHINE LEARNING

- Developed a stock price prediction model using time series analysis and deep learning with Keras, Scikit-learn and Pandas.
- Utilized historical stock data from Yahoo Finance API for training and evaluation.
- Visualized and assessed model accuracy by comparing predicted vs. actual stock prices.

BUILD A CHATBOT FOR CUSTOMER SUPPORT

- Built a customer support chatbot using Python, NLP techniques, and TensorFlow.
- Trained the bot on FAQ and support log data to handle basic user queries effectively.
- Integrated the chatbot into a web interface and analyzed common customer interactions.

KEY ACHIEVEMENTS

- Hands-on experience in developing data-driven applications and RESTful APIs using Python, Django, Flask, and FastAPI frameworks.
- Built and deployed machine learning models for time series forecasting and natural language processing (NLP) using libraries such as Scikit-learn, Keras, Pandas, and NLTK.
- Practical experience in chatbot development, integrating AI-based conversation tools into web interfaces using Python and NLP.
- Skilled in using development environments such as PyCharm, VS Code, and Jupyter Notebook for Python project development and debugging.
- Experience with Docker and AWS EC2 for containerization and cloud deployment of Python applications.
- Excellent problem-solving, analytical, and communication skills, with a proven ability to collaborate effectively in team-based environments.