Anubroto Ghose

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EDUCATION

Vellore Institute of Technology — Chennai, Tamil Nadu
B.Tech. - Computer Science and Engineering with Specialization in AI and ML; CGPA: 8.64 — *Sep 2021 – May 2025*

Hiranandani Foundation School — Thane, Maharashtra
STD XII ISC; 92% — *June 2019 – July 2021*

Smt Sulochanadevi Singhania School — Thane, Maharashtra
STD X ICSE; 94.33% — *April 2017 – May 2019*

EXPERIENCE

Intern — September 2023 – December 2023
Rockwell Automation India Private Limited. — *Pune, Maharashtra*

- Developing a SCADA simulation for an API manufacturing plant using FactoryTalk
- View Studio Edition and Studio 5000.
- Creating a Python script in deletion of a directory in a network.
- Creating a Python code for manipulating L5X files.
- Creating prediction analytics system using machine learning (supervised and unsupervised learning) to forecast future outcomes based on historical data.

PROJECTS

IPL Stats Explorer | *Python, Flask, SQLite, Vercel* — January 2024 – March 2024

- Developed a dynamic web platform to access extensive IPL stats (2008-2022)
- Customizable data retrieval
- Flask backend
- HTML/CSS frontends
- Deployed using Vercel
- Efficient searching and stats filtering algorithm
- Statistical analyses
- Cricket analytics
- Facilitates informed decision-making

Sales Predictive Analytics | *Python, Numpy, Pandas, Scikit-Learn* — November 2023 – December 2023

- Developed a comprehensive predictive analytics system
- Leveraged Python, Scikit/Sklearn, numpy, pandas, and Matplotlib
- Implemented supervised learning techniques
- Accurately forecasted future sales outcomes using historical data

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Next, Flask
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib, TensorFlow, PyTorch, scikit-learn

SOFT SKILLS

Languages: English, Bengali, Hindi
Observation: Keen attention to detail and ability to notice important details quickly.
Decision Making: Strong capability to make informed and effective decisions.
Communication: Excellent verbal and written communication skills.
Multi-tasking: Efficient at managing multiple tasks and projects simultaneously.

CERTIFICATIONS

Android Application Development
Google Cloud Digital Leader