Abhiram Mangipudi

B.Tech - CSE(AI-ML) Engineering
Institute Of Aeronautical Engineering

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www.leetcode.com/u/K0MPLEX_C0DES/
github.com/K0MPLEXWorksTogether

Education

Degree / Certificate	Institute / Board	CGPA/Percentage	Year
B.Tech	Institute Of Aeronautical Engineering	8.53 (Current)	2022 - Present
Senior Secondary	Telangana State Board	95.75%	2022
Secondary	CBSE Board	93.75%	2010

Experience

- **Software Development Intern at PCBCupid** *Dec 2024 - Present*
  Developed an application that converts PCB Designs into Editable SVGs in Python.
- **Backend Engineer As A Freelancer** *Oct 2024*
  Responsible for designing, implementation, and maintenance of an inventory management system for a client.
- **Data Science Intern At National Small Inustries Corporation** *May 2023*
  Gained fundamental analytical and technical skills for data science.
- **Machine Learning Intern At Intel Unnati Training Program** *Aug 2023*
  Responsible for building ML-Based Solution to solve the problem "Knowledge Representation And Insight Generation"

Projects

- **CodeEditor**
  Built a code editor that runs on the web using Ace.js library. Integrated IntelliSense, as well as code compilation support for 5 languages using PistonAPi.
- **Code Compiler Discord Bot**
  Ported the same backend for the code editor to compile any code send to the bot. Able to successfully deploy this bot on AWS.
- **DataWhisperer - Interact With Your Dataset**
  Built a website which helps interact with datasets in a better way, by automatically providing metrics and possible models, using EvalML.
- **PoolEdge - Rider Sided Vehicle Pooling**
  Responsible for building and maintaining the complete backend infrastructure, and functionaility for connected riders and poolers.

Technical skills

- **Programming languages :** Python, Java, JavaScrip, Bash
- **Web technologies :** HTML, CSS, Javascript, React, Node.js
- **Database management :** MySQL, PostGreSQL, MongoDB
- **DevOps:** Git, GitHub, AWS, GCP,
- **Systems Administration :** Shell Scripting, Linux Terminal
- **Machine Learning, Data Science And AI:** NumPy, Dask, Pandas, scikit-learn, TensorFlow, LLMs

Achievements

- **Winner Of Datanyx 2024 :** Secured 1st place in a National Level Hackathon, held at MJCET, Hyderabad.
- **7Th Place In CodeStorm:** Pitched and won 7Th place for the above mentioned PoolEdge mobile application.
- **Maintainer Of "pythonspinners":** PythonSpinners is a PyPI package, built for loading screens and spinners for CLIs.

Certifications

- AWS Cloud Foundations
- AWS Cloud Architecting
- Cisco's Introduction To Cybersecurity