Piyush Raj

 github.com/piyushraj0031   piyushraj0031.netlify.app   linkedin.com/in/piyush-raj   piyushraj0031@gmail.com

EDUCATION

Techno India University (Kolkata,West Bengal)	2020-2024
Bachelor of Technology in Computer Science and Business System	*Current GPA: 8.56/10.0 till 6th Sem*
Teresa International Academy (Patna,Bihar)	2017-2020
Higher Secondary School (CBSE)	*Percentage: 78.9*
Sardonyx School (Jhajha,Bihar)	2016-2017
Secondary School (CBSE)	*CGPA: 9.7/10.0*

SKILLS

Languages: **C/C++, Python (Numpy,Pandas,Ski-Learn,etc..),JavaScript, HTML/CSS, MySQL**
Tools: **Git/GitHub, Unix Shell, VS Code, Docker, Spyder, Figma, Power BI, Tableau**
Frameworks: **Node, Bootstrap, Flask**
Soft Skill: **Problem Solving, troubleshooting,Communication, Microsoft 365 (Office),AWS, Canva**
Fundamentals: **OS, Networking, DSA, RDBMS, OOPs**

PROJECTS

BLF | *HTML/CSS, JavaScript, Python, Flask, Git, VS Code, Azure* — May 2023 – June 2023
- Developed a full-stack web application for Predicting the Price of a Duplex House
- Methodically assessed machine learning algorithms to pinpoint the best model for house price prediction. Extensive experimentation led to the choice of Linear Regression, demonstrating data-driven decision-making and the creation of a robust housing market valuation model
- Collaborated with Friends and Neighbours to get feedback and suggested features

Newsletter - Sign up Page: | *HTML/CSS, Javascript, Git, Express, Mailchimp* — Mar 2023 – May 2023
- Created an interactive sign-up page for newsletters.
- Illustrates user interface (UI) design capabilities.
- Highlighted front-end web development expertise

Portfolio | *HTML/CSS, Javascript, Git, VS Code, Netlify* — Jan 2023 – Mar 2023
- Developed a full-stack Portfolio.
- Discussed with Friends to get feedback and suggested options in navigation bar

TraCog | *Python, Git, Github, VS Code* — Aug 2022 – Oct 2022
- Developed a Python-based traffic simulation using Pygame to model intersection vehicle movement.
- Implemented real-time traffic signal adjustments for optimizing traffic flow
- Created an algorithm simulating diverse vehicle types, lane changes, and turns.
- Designed a real-time GUI to visualize traffic signals, timers, and vehicle counts.

INTERNSHIP

AWS Data Engineering Virtual Internship | *EduSkills*	Sep 2023 – Nov 2023
AWS AI-ML Virtual Internship | *EduSkills*	May 2023 – Jul 2023
AWS Cloud Virtual Internship | *EduSkills*	Dec 2022 – Feb 2023

CERTIFICATIONS

Google Data Analytic Professional | *Coursera*

Python for Data Science | *NPTEL*

EXPERIENCE

Tech Club | *Member* — Jun 2023 – Present
Takshila, Techno India University