Pranav Awasarmol

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Education

Pimpri Chinchwad College of Engineering and Research, Electronics & Telecommunication Engineering   *-Expected May 2026*

- **CGPA**: 8.73 / 10
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Image Processing, Python , Development, Machine & Deep Learning
- **Location:** Pune, Maharashtra

Experience

Prodigy Infotech, Software Development Intern   Remote *-Jan 2025 - Present*

- Work on practical tasks ranging from game development and algorithm design to web scraping, providing a well-rounded programming experience.
- Strengthen core programming skills, learn advanced techniques like backtracking, and gain proficiency in handling real-world data.
- Bridge theoretical knowledge with practical application, building deployable solutions and improving debugging and software design expertise.

Technical Skills

Languages: Python, C, C++, SQL and Java
Frameworks and Libraries: React.js, Express.js, Node.js, MongoDB, Tkinter
Tools and Technologies: VSCode, Pycharm, Git, GitHub,Jupyter Notebook, Google Colab , MongoDB, MySQL,Docker
Concepts: Data Structures and Algorithms, OOP

Projects

- **House Prices Prediction Model Based on Linear Regression** : Developed a House Prices Prediction Model using Linear Regression to predict property prices based on various features such as size, location, and number of rooms, demonstrating data analysis and predictive modeling skills. [Github].
- **Smart IoT-Based Hydroponics System** : Developed a system for real-time monitoring and automated control of plant growth using sensors for pH, moisture, and nutrients. Integrated with the Blynk platform for remote management. [Github].
- **Python Based Weather Forecasting App using Tkinter** : Developed a Python-based Weather Forecasting App using Tkinter for the UI, OpenWeathermap API for weather data, and TimezoneDB API for time-based features, providing real-time weather updates. [Github].
- **Arduino-Bluetooth-Based LED Matrix Board** : Designed and developed an LED display board with Bluetooth-based control for flexible real-time messaging in electronics labs.[Github].

Achievements

- Presented a **Research Paper** at 4th ASIANCON IEEE conference on **Smart IoT-Based Hydroponics System.** [Details]
- Filed a **Copyright** in 2024 for**Smart IoT-Based Hydroponics System.** [Details]

Extracurricular Activities

- Member of **IEEE Student Branch**, PCCOE&R.
- Volunteered for the **IEEE 2024** , paper presentation conference .
- Volunteered for **ConvergenceX**, National level conference on paper presentation.
- Runner up in intra-college **Badminton** tournament.