

POORNACHANDRAN S

chandru08july2000@gmail.com / 6374079642

<https://github.com/poornachandran87> / www.linkedin.com/in/poornachandran-s

Skills

Languages: Python, JavaScript, TypeScript, SQL

Technologies & Tools: AWS, EC2, Docker, ExpressJS, ReactJS, Node.js, MongoDB, PostgresDB, Django, Flask, HTML, CSS, Tailwind CSS.

Work Experience

SD Pro Solution, Trichy

Oct 2022 - May 2023

Python Web Developer

- Spearheaded the development of a predictive analytics web application using Python, Django, and Flask, leading to a robust backend infrastructure.
- Designed and implemented a user-friendly frontend interface with HTML and CSS for real-time predictions input.
- Integrated machine learning models into the application and utilized .pkl files for efficient model storage and access.
- Developed a dynamic data input system allowing clients to submit data through the frontend for real-time predictions.

Education

St. Joseph's Tamil Nadu

Jun 2018 - May 2021

Bachelor of Science in Physics

CGPA: 7.42/10

Relevant Coursework: Object-Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Linux.

Project Work

Upwan: GreenThumb Marketplace & Identification Platform (2024)

- Spearheaded the development of "Upwan," a cutting-edge web application designed to revolutionize the gardening community.
- Employed the MERN stack complemented by Redux for state management, with deployment on AWS EC2, showcasing a broad skill set from conceptualization to cloud deployment.
- Utilized Redux for robust global state management and architected a synchronization system for cart data using MongoDB, ensuring a consistent shopping experience across devices.
- Strategically deployed "Upwan" on AWS EC2, optimizing instances for performance and security.
- [view project](#)

Imgur Clone using PERN Stack (2023)

- Developed a replica of the popular image-sharing website Imgur using the PERN stack (PostgreSQL, Express.js, React.js, Node.js).
- Implemented features such as user authentication, image uploading, commenting, and voting.
- Leveraged PostgreSQL for efficient data storage and retrieval, ensuring scalability and performance.

Website using Django and Flask with MySQL (2022)

- Built a dynamic website using both Django and Flask web frameworks in Python, utilizing MySQL as the backend database.
- Implemented features such as user authentication, content management, and database interaction.
- Leveraged Django's robustness for larger-scale applications and Flask's flexibility for smaller, lightweight components.

Course and Certificates

- **Python Programming Course**
Ameya Data Solution applications.
- **Product Engineering (Full Stack Development) Course**
School of Accelerated Learning (SOAL)