

PURNA CHANDRA MANSINGH

@ pc.mansingh@gmail.com

☎ +91 9668838634

in [linkedin.com/in/purna135](https://www.linkedin.com/in/purna135)

🐙 github.com/purna135

EXPERIENCE

Teaching Assistant | Scaler Academy

📅 Sept 2022 – Present 📍 Remote

- Solving doubts about the Data Structures and Algorithms and providing ways to approach the optimized solutions to reduce the space and time complexities.

Google Summer of Code 2022 | PyMC Labs

📅 May 2022 – Sept 2022 📍 Remote

- Applied my Python, Statistical and Probabilistic skills to Enhance Multivariate Distribution support in PyMC V4, allowing it to work with batched data.
- Added new feature support to Aesara, a Python library that allows you to define, optimize, and efficiently evaluate mathematical expressions with nd-arrays.

Product Engineer & Instructor | Pepcoding Edu.

📅 Aug 2021 – Aug 2022 📍 Noida, India

- Wrote modern, performant, and robust code to develop nados.io a platform for Techies where they can interact, learn and compete with each other. Currently, it's serving 5 lakhs+ users
- Led and mentored a team of 50+ trainees in Data Structures, Algorithms, and Machine Learning.

Project Engineer | Wipro Technology

📅 Apr 2020 – Aug 2021 📍 Bangalore, India

- Assisted with the VMware VxRail-based IT infrastructure during the downtime or failure of ESXi hosts.
- Designed and developed vSAN VxRail Hypervisor on a Dell hardware platform with the hypervisor ESXi 6.7.

SKILLS

C/C++

Java

Python

JavaScript

Node.js

Data Structure

Algorithms

Machine Learning

Django

MongoDB

Linux

TCP/IP

GitFlow

EDUCATION

Master of Computer Application

University of Hyderabad, Telangana

📅 July 2022 | 8 CGPA

Bachelor of Science in Information Technology

Utkal University, Odisha

📅 July 2019 | 82%

ACHIEVEMENTS

- Selected for **Google Summer of Code 2022** under the NumFOCUS organization.
- Open Source Contributor in **Python, PyMC, Scikit-Learn, Pandas, Aesara, and LPython**.
- Won the committee & people's choice honors in **Hack Cambridge Atlas 2022**. [Project Link](#)
- Created several videos about Open Source Contribution, Machine Learning, and Data Structure Algorithms. [Videos Link](#)
- ranked **1st** out of 10,000 participants in All India C-Marathon 2020
- Awarded for the contribution to TechGIG.

PROJECTS

[PyMCon 2022 Website](#)

- Worked as a web designer on PyMCon team of ten people. Used HTML, CSS, JavaScript, and Hugo to create a stunning website for the PyMCon 2022 event.

[SmartBin](#)

- Created a Dashboard using Django and JavaScript for the Smart Dust Bin Project. Implemented APIs and an alert system for various conditions which made the tracking and management of Bins much easier than before.

[Spotify Profile](#)

- Web app built with React, Node.js, and Express for visualizing personalized Spotify data such as top artists, tracks, recommendations, and audio features.

[GREN -Making Lifestyle Sustainable](#)

- Applied my problem solving skill to develop an all-in-one Website for all everyday needs by recommending Eco-friendly alternatives based on a product's Carbon Footprint, monetizing waste recycling, and providing a Personalized Analysis Dashboard.

[Secure File Storage System](#)

- Designed & developed a web portal that can store files encrypted and password protected to prevent unauthentic access in digital world.

[Vision-Based Attendance System](#)

- Developed a Deep Learning model that will recognize human faces and automatically records attendance. Got a model accuracy of 97 percent.