





Amulya Paritosh

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BIO

A dedicated developer consistently delivering exceptional results with a passion for excellence and extensive technical expertise. Valued for professionalism, attention to detail, and collaborative approach, thriving in exceeding expectations. Diverse strengths encompass communication, collaboration, resourcefulness, meticulousness, time-consciousness, adaptability, creativity, and a leadership orientation, all underpinned by quick wit.

EDUCATION

Chandigarh University (<i>pursuing</i>)	2025
<i>Bachelor of Engineering in Computer Science</i>	<i>CGPA: 8.02</i>
Loyola Convent School	2021
<i>Higher Secondary Certificate</i>	<i>Percentage: 93</i>

SKILLS

Languages: Python, C/C++, Java, HTML/CSS, LaTeX, SQL, Dart
Technologies: API Development, Software Development, Web Scraping, Data Science, Database, Internet of Things
Frameworks: PyQt/PySide, Flutter, Flask, Django, FastAPI
Tools: Git/GitHub, Unix Shell, Linux, VS Code, Anaconda, Nginx, Apache2, Celery, Postman

PROFESSIONAL EXPERIENCE

Google Summer of Code @ FreeCAD <i>Open-source contributor</i>	May 2023 – Aug. 2023
Worked as a contractor on open-source project at FreeCAD through Google Built Component Management System for managing distributed 3D models Flask, Sqlite, Sqlalchemy, Elasticsearch, PySide, QtDesigner, RestAPI, Swagger	
My Next Film Pvt. Ltd. <i>Intern</i>	Jul. 2022 – Jan. 2023
Django Resp API developer for script editor (Live Project) Running tasks asynchronously with Celery. ORM for tree storage structure of scripts(Live Project) Script change Tracker	
2D-3D x-ray image Conversion <i>Consultant</i>	Jan. 2022 – Mar. 2023
A research project to make a 3D model of the nasal cavity form two x-ray images (frontal, lateral). Python, Algorithm, Open3D, OpenCV, 3D Tarnsformations, Image Processing	

PROJECTS

ChatGPT Desktop Client | *Python, ChatGPT-API, CLI, Rsynchronous Response, Prompt Engineering*

- CLI, shortcut dialog and GUI Desktop Application of ChatGPT

Real-Time Telemetry Data Visualization Software | *Python, PyQt, Qt-Designer, Data Visualization, Data Processing*

- A Data-Dashboard and analysis software for serial data

Notepad App | *Python, PyQt, Qt-Designer*

- A simple notepad application built with QT toolkit

20-20-20 Rule | *Python, PyQt, Qt-Designer, Scheduling, SupervisorD*

- A application that reminds you to follow 20-20-20 rule that helps redusing eye strain.

Disease-Prediction-Bot | *Python, Machine Learning, Tkinter, Data Preprocessing, NumPy, Pandas, SkLearn*

- A bot that can diagnose disease based on symptoms

Analysis of Indian Education (2015-2016) | *Python, Dash, Plotly, Data Analysis*

- A interactive Dashboard of Indian education data (2015-2016)

Alexa clone (Personal assistant) | *Python, Tensorflow, NLTK, Natural Language Processing, APIs, Machine Learning*

- A personal assistant chatbot that can perform multitude of tasks

Real-time Bitcoin Graph | *Python, Matplotlib, Web Scraping, Data Visualization*

- A real-time bitcoin price graph from scraping data from websites

ACHIEVEMENTS

Patent | *Drain Clogging Prevention System*

Hackathon | *FireFly - NIT Warangal*

Hackathon | *Smart India Hackathon*

Application no. :202211017463

3rd Position

Participated