Shreyash Subhash Almast

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Career Objective

Motivated and detail-oriented Electronics & Telecommunication Engineering recent graduate with strong skills in Python, data analysis, and real-time system development. Seeking an entry-level role where I can apply my technical knowledge and project experience to contribute to innovative solutions in software development, data science, or IoT-based systems.

Education

K. D. K. College of Engineering, Nagpur   2021 – 2025
B.Tech (Electronics and Telecommunincation Engineering)
(CGPA: 7.9)

Bhawanji Bhai Chavhan Jr. College, Chandrapur   2020 – 2021
HSC (Percentage: 89.33%)

Matoshri Vidyalaya Tukum, Chandrapur   2018-2019
SSC (Percentage: 82.80%)

Skills

Programming Languages: Python, C, C++	**Frameworks:** Flask , Django, FastAPI
Web Languages: HTML, CSS, JavaScript.	**Databases:** MySQL, SQLite.
Tools: Arduino IDE, Raspberry pi, Visual Studio Code, IOT Cloud, Postman, Git, Github	**Data Science:** Pandas, Numpy, Matplotlib

Projects

Project : ICU Patient Monitoring System (Technologies Used: Python, Flask, Raspberry Pi, SQLite)
- Developed a real-time patient monitoring dashboard using Flask and Python.
- Collected sensor data via Raspberry Pi to track vitals and trigger alerts via SMS, calls, and on-screen warnings.
- Integrated user authentication, report generation, and attractive UI with HTML/CSS.

Project : Airline Route Planning – Data Analysis (Technologies Used: Python, Pandas, Matplotlib)
- Conducted exploratory data analysis on airline route datasets to find optimal connections.
- Visualized route density, frequency, and travel paths between cities using Matplotlib.
- Derived insights to optimize route planning for improved efficiency.

Project : Radiation Emission from Mobile Devices – Data Analysis
(Technologies Used: Python, Pandas, Matplotlib, Excel)
- Collected SAR (Specific Absorption Rate) data from various mobile devices and organized it for analysis.
- Performed data cleaning, visualization, and comparison of radiation levels across brands and usage scenarios.
- Identified high-risk patterns and visualized insights to understand the health implications of mobile radiation.

Technical Highlights

- Good knowledge of IoT and hardware integration using Raspberry Pi and sensors.
- Good understanding of data analysis, EDA, and visualization using Python libraries like Pandas and Matplotlib.
- Knowledge of Python programming for automation, backend logic, and data processing.
- Familiar with web development using Flask, HTML, CSS, and SQLite for dynamic dashboards.