

POLOJU PAVANI

pavanipoloju23@gmail.com | +91 9110779132

Hyderabad, Telangana

[GitHub](#) | [LinkedIn](#)

OBJECTIVE

A highly motivated and detail-oriented graduate in Mathematics & Computer Science seeking to contribute to safety-critical engineering projects. Passionate about digital tools, data analysis, and software development. Eager to apply analytical problem-solving skills and technical knowledge in a collaborative team environment to support innovative and high-impact projects, including those in the nuclear industry.

EDUCATION B.Sc. Mathematics & Computer Science

TSWRDCW College, Nalgonda — 2024

CGPA: 9.6 Intermediate – Board of Intermediate Education

Little Flower Girls Junior College, Nalgonda — 2021

CGPA: 9.56

Secondary School Certificate (SSC)

Maria Niketan Girls High School, Chandur — 2019

CGPA: 9.3

TECHNICAL SKILLS

- **Office Tools:** MS Word, Excel (including Macros), PowerPoint
 - **Programming Languages:** Python (Core & Advanced), RegEx, Django
 - **Web Development:** HTML, CSS, JavaScript, Angular
 - **Data Tools:** Power Query, MySQL Workbench 8.0
 - **Data Science & Analysis:** Numpy, Pandas, Matplotlib
 - **Tools/IDEs:** VS Code, PyCharm, IDLE, Jupyter Notebook
 - **Other Tools:** GitHub, Vercel___---
-

PROJECTS

Password Generator Using Python (Dec 2022)

Secure password generator with character type customization (uppercase, lowercase, special characters).

Tools Used: Python, MS Word, PowerPoint

Frontend Projects (Hosted Online)

- Festival Info: festivals-project.vercel.app
- Udemy UI Clone: udemy1-project.vercel.app
- BMI Calculator: bmi-cal-rho.vercel.app
- Bulb Toggle: bulb-js-pavanipolaju22s-projects.vercel.app

Data Analysis Projects (Python + Pandas)

- **Employee Salary EDA:** Exploratory analysis of San Francisco employee compensation (2014–15) – [GitHub Repo]
- **E-commerce Purchases Analysis:** Insight generation from fictional Amazon purchase dataset – [GitHub Repo]

SOFT SKILLS

- Strong communication & leadership
- Time management & organizational ability
- Confidence, adaptability & determination
- Analytical problem-solving mindset
- Enthusiastic team player with high willingness to learn

ACHIEVEMENTS & EXTRACURRICULARS

- Represented in **YUVA Utsav 2023** – Nehru Yuva Kendra
- Served as **NSS Volunteer**
- Participated in **Youth for Social Impact** initiative
- Passionate about **art, music, drawing, and dance**

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.