

POLOJU PAVANI

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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---
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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-pavanipoloju22s-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 – [\[GitHub Repo\]](#)
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SOFT SKILLS

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

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