JEEVA SURYA PALANISAMY

Data Science Enthusiast | Python Developer
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PROFESSIONAL SUMMARY

Results-driven Computer Science student with hands-on experience in Python programming and data science fundamentals. Passionate about leveraging machine learning and statistical analysis to solve complex business problems. Demonstrated ability to transform raw data into actionable insights through various technical projects and academic achievements.

EDUCATION

- Diploma in Computer Science & Engineering

Konghu Velalar Polytechnic College, India
June 2023 - May 2026 (Expected)

- Secondary School Certificate (SSLC)

Govt. Model Higher Secondary School, Getticheviyur
2022 - 2023
Score: 83.8%

TECHNICAL SKILLS

- Programming Languages: Python (Advanced), C (Intermediate), PHP (Basic)
    - Data Science & Analytics: Machine Learning, Statistical Analysis, Data Preprocessing, Pandas, NumPy
    - Database Management: SQLite, SQL
    - Tools & Technologies: Microsoft Excel, Jupyter Notebook, Git
    - Soft Skills: Problem-Solving, Leadership, Communication, Project Management

PROJECTS

- Data Analysis Pipeline Development
    - Developed automated data preprocessing scripts using Python to clean and transform large datasets
    - Implemented machine learning algorithms for pattern recognition and predictive analytics
    - Created visualization dashboards using Python libraries to communicate insights effectively

Process Automation Solutions

- Designed and implemented Python scripts to automate repetitive tasks
- Reduced manual processing time by 60% through efficient code optimization
- Integrated error handling and logging mechanisms for robust execution

CERTIFICATIONS & TRAINING

- Nano Tips to Enhance Your Communication with Shadé Zahrai
- PostgreSQL Essential Training
- Python for Data Science and Machine Learning Essential Training Part 1
- Data Science Foundations: Fundamentals Introduction to Career Skills in Data Analytics

LANGUAGES

- English (Professional Working Proficiency)
- Tamil (Native)

ADDITIONAL ACTIVITIES

- Member of college technical club