VUYYALA OMKAR REDDY

College Graduate | Python Developer

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CAREER OBJECTIVE

Seeking an entry-level position as a Python Developer to leverage solid understanding of Python programming fundamentals. Eager to contribute to innovative software solutions and enhance skills in backend development and data manipulation.

EDUCATION

Bachelor of Commerce (Computer Applications)
Sri Satya Sai Degree Collage   April 2020 – June 2023

Board of Intermediate Education
Sri Sai Yashwanth Junior college   June 2018 – March 2020

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Web Technologies:** HTML, CSS, JavaScript
- **Frameworks and Libraries:** Django, Bootstrap
- **Databases:** MySQL
- **Version Control:** GitHub, Git Bash
- API Integration

PROJECTS

Instagram Website   March 2024 – June 2024

- Developed a fully dynamic Instagram website integrating SQL database, Python, HTML, and CSS, ensuring a uptime through efficient resource management and proactive monitoring.
- Implemented robust user authentication and authorization mechanisms, significantly reducing unauthorized access incidents by 80% through stringent role-based access controls and encryption protocols.
- Enhanced frontend user experience by optimizing CSS and improving overall site responsiveness and user satisfaction.
- Key Features:-

  - User login and authentication
  - Profile creation and editing
  - Reels, photos, and videos uploading
  - Profile display and management.

A Database of PHONEPE Application   September 2023 – December 2023

- Engineered a Database Management System for PHONEPE application by creating 10 tables to manage bank IDs, loan IDs, and transaction data effectively.
- Designed an ER Diagram to visually represent database structures and relationships, ensuring comprehensive understanding and streamlined data management.
- Executed all features of Tcl in MySQL, optimizing database operations and achieving a significant performance improvement of 20%.
- Automated complex queries and transactions using Stored Procedures, reducing manual intervention and enhancing operational efficiency.

CERTIFICATIONS

- Certified in Python Full Stack Development – Thopsetch Institute, Bangalore.