

Kalagarla Satish Kumar

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SUMMARY

Entry-level Python Full Stack Developer with training from IHub Academy, specializing in Python programming, backend development, and machine learning algorithms. Working with databases, developing front-end interfaces, and implementing end-to-end web applications. Hands-on experience in data preprocessing, evaluation, and integrating ML models into full stack applications.

TECHNICAL PROJECTS & PROFESSIONAL TRAINING

PROJECTS:

Expense Tracker Application:

- Developed a Python-based application to record and manage daily expenses.
- Categorized expenses (food, travel, shopping, etc.) for better analysis.
- Generated monthly and category-wise summaries.
- Implemented persistent storage using SQL Database.
- Applied input validation and exception handling for reliable data entry.

Student Management System (Python + SQL):

- Developed a Python-based system to manage student records including add, update, delete, and search operations.
- Implemented SQL Database Integration for secure and persistent data storage.
- Designed structured code using functions and OOP's concepts.
- Performed CRUD operations efficiently with proper input validation.
- Improved usability by handling errors and ensuring data consistency.

CERTIFICATIONS, INTERNSHIPS AND COURSES:

- Completed Course Program for 6 months on Python Development in IHUB Academy.
- Completed Internship Program for 5 weeks on Python with Data Science in TAURIUS Technologies Pvt. Ltd.
- Participated in 2 Days Bootcamp & 24 Hours Hackathon on Web Development in SITAM College.

Industrial Visits: Ahuva Electronic Technologies Private Limited Visakhapatnam.

SKILLS AND TOOLS

HTML | CSS | Python and AI Libraries | React.js Development | Database Management Systems: MySQL | Version Control Systems: Git | Object-oriented design principles | Machine learning techniques.

AWARDS

Served as an NSS Cadet from 2021 to 2023.

Participated in the Ideathon at the Project Mela held at K.L. University, Guntur.

Participated in Millenium Aptitude Test and Secured 49th Rank in Andhra Pradesh.

Habitat flagger for being responsive.

Personal Competencies:

- Possess strong analytical skills, quick learning ability, and adaptability.
- Proven team player with critical thinking capabilities and a self-motivated approach.

EDUCATION

CSE – [AI & DS], Engineering | Satya Institute of Technology and Management | CGPA: 7.2 (2020-2024)