Satyam Kashid

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Education

- **Master of Computer Application**, PES Modern College of Engineering, Pune (2024 - 2026)
- **B.Sc. Computer Science**, Dr. D.Y. Patil Arts, Commerce, and Science College, Pimpri (2021 - 2024) *CGPA: 8.82*
- **Higher Secondary Certificate**, Residential Junior College (2020 - 2021) *92.5%*
- **Secondary School Certificate**, Shri Shivaji High School (2018 - 2019) *88.4%*

Skills

- **Programming Languages:** Python, Data Science, Machine Learning, Generative AI
- **Data Structures:** Arrays, Linked Lists, Stacks, Queues
- **Algorithms:** Sorting, Searching
- **Database & Backend Technologies:** MySQL, Django and FastAPI
- **Version Control Tools and IDE:** Git, GitHub, GitLab, Visual Studio Code, Jupyter Notebook
- **Soft Skills:** Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

Work Experience

- **Python and Gen AI Intern** (Sept 2024 – Present)
  e-Zest an Accion Labs Company
  - Leveraged Generative AI tools and libraries such as OpenAI and Hugging Face to build and enhance AI-driven solutions.
  - Contributed to automation processes, streamlining workflows and reducing manual intervention using Python.
  - Played a key role in the Navitus Testbed Generator Project, automating data mapping across multiple Excel files to generate consolidated output sheets.
  - Collaborated with team members to integrate AI functionalities into existing systems, ensuring seamless operation and scalability.

Projects

- **Navitus Testbed Generator**
  e-Zest an Accion Labs Company
  - Automated workflows using Python, reducing manual effort by 80% and enhancing data accuracy.
  - Mapped and processed multiple Excel files to generate consolidated output sheets efficiently.
  - Developed automated reporting systems for generated and missing scenarios, improving traceability.
- **Duplicate File Deletion with Auto Scheduled Email Log Reporting** [Project URL]

  - The project's features center around automation, customization, transparency, and efficiency, making it a robust solution for automated duplicate file deletion and management.
  - **Tech stack used:** Python, OS, Hashlib, Scheduler, Smtplib, Email, VSCode.

- **Titanic Survival Predictor** [Project URL]
  - The *Titanic Survival Predictor* project stands out for its historical context, specific choice of machine learning algorithm, meticulous data preprocessing, and a focus on efficiency in the modeling pipeline.
  - Got 83.81% Accuracy.
  - **Tech stack used:** Python, Pandas, Matplotlib, Scikit-Learn, Logistic Regression, Jupyter Notebook.

- **Auto Scheduled Process Logger** [Project URL]
  - The *Process Logger* project combines automation, detailed process logging, and email notifications, providing a comprehensive solution for monitoring and analyzing system processes.
  - Its flexibility, user-defined scheduling, and email reporting make it a valuable tool for efficient and customizable process monitoring in a Python environment.
  - **Tech stack used:** Python, Psutil Library, Scheduler, Smtplib, Email, VSCode.

Highlights

- Proficient in developing Python applications using procedural and object-oriented programming.
- Skilled in Python scripts for web, file, and process automation with scheduled execution and logging.
- Expertise in Machine Learning and Generative AI for real-world applications.

Machine Learning Case Studies

- Breast Cancer Detection using Random Forest Algorithm
- Wine Type Classification using K-Nearest Neighbors
- Titanic Survival Prediction using Logistic Regression
- Head Brain Size Prediction using Linear Regression
- PlayPredictor using K-Nearest Neighbor Algorithm

Certifications

- Programming Fundamentals unsing Python (infosys springboard)
- Advanced Machine Learning Specialization (Coursera)
- Django and REST API Development (Udemy)