

CONTACT

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SUMMARY

Enthusiastic and proactive Software Developer specializing in Python and backend development with a focus on API integrations and scalable solutions. Experienced in collaborating with frontend teams and applying data science techniques. Adept at building efficient systems, troubleshooting, and contributing to process improvements. Strong technical foundation in Artificial Intelligence, Machine Learning, and cloud-based services.

- SKILLS
- **Programming Languages:** C, C++, Python, JavaScript
  - **Frameworks and Libraries:** Django, Flask, TensorFlow, PyTorch, Scikit-Learn, NLTK
  - **API Development:** RESTful API design and integration
  - **Frontend Technologies:** ReactJS, HTML5, CSS3, JavaScript
  - **Cloud Platforms:** AWS Basic
  - **Databases:** SQL, MongoDB, MySQL, PostgreSQL
  - **Tools & IDEs:** IntelliJ, VS Code, Git, Eclipse
  - **Core Competencies:** Backend Development, Problem-Solving, Teamwork, Adaptability, Critical Thinking, Communication

PROFESSIONAL EXPERIENCE

Machine Learning Intern | March 2024-June 2024

Shiash Info Solutions Private Limited

- Led machine learning projects from data gathering to deployment, achieving 85% prediction accuracy and improving forecast precision by 30% in energy and economics.
- Enhanced healthcare model accuracy by 20% through advanced data analysis, improving patient care technologies.
- Developed diverse machine learning solutions, including a 90% accurate economic forecasting model and healthcare innovation projects.

PLC and HMI Trainee | June 2023-July 2023

Uniphos Envirotronic Pvt. Ltd.

- Created automation solutions utilizing Fatak PLC and KINCO HMIs, resulting in two-way traffic light and parking counter systems that improved traffic management efficiency.
- Incorporated machine learning insights into PLC data, which enhanced system performance and increased automation accuracy by 25%.

PROJECTS

Product Review Sentiment Analysis – Flipkart Data Extraction

- Built a Python script utilizing BeautifulSoup and Requests libraries to scrape over 10,000 product reviews for Samsung Galaxy S23.
- Cleaned and processed data using regular expressions and string manipulation techniques.
- Applied sentiment analysis using pre-trained models and visualized insights using Matplotlib, identifying key trends in customer sentiment.

EDUCATION

SRM Institute of Science and Technology | 2020-2024

Bachelor of Science in Computer Science and Engineering (Specialization in AI/ML)  
Minor in Automation Engineering

- CGPA:7.3
- Completed key projects in AI/ML, including a predictive analysis model for patient care optimization, demonstrating practical application of theoretical knowledge.

CERTIFICATES &  
ACTIVITIES

- Solved over 800 coding problems on platforms like CodeChef, LeetCode, HackerRank, InterviewBit, and SPOJ.
- Python Crash course by Coursera
- Introduction and Advanced Machine Learning by Kaggle
- Accomplished Tabla percussionist with excellent culinary skills.