RAM PRASATH P

Software Developer | Python Developer | Backend Developer

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Tamil Nadu, India

SUMMARY

Computer Science graduate with hands-on experience in Python development and backend application building. Proficient in using Flask, SQL, and cloud platforms like GCP to develop scalable and efficient solutions. Experienced with tools like Git, VS Code, and REST API integration. Strong problem-solving mindset, clean coding practices, and a team-oriented approach. Seeking entry-level roles in Python-based software development or backend engineering.

WORK EXPERIENCE

Machine Learning Intern   July 2024-Aug 2024
The Mind IT, Trichy

- Developed and trained machine learning models using Python libraries such as TensorFlow, Keras, and Scikit-learn for real-world data classification tasks.
- Performed end-to-end data preprocessing, model evaluation, and optimization to improve accuracy and reliability of predictions.

SKILLS

Technical Skills

- Programming Languages: Python (OOP, DSA)
- Databases: MySQL, SQL Server
- Cloud Platforms: Google Cloud (GCP), AWS
- Others: REST API, Git, GitHub, Jupyter Notebook, VS Code, Excel, PowerBI

Soft Skills:
- Problem-solving   ● Collaboration   ● Time management   ● Improved Communication

EDUCATION

- Priyadarshini Engineering College   Aug 2021-July 2025
  Bachelor of Engineering in Computer Science and Engineering, Vaniyambadi
  GPA: 8.0/10
- Dominic Savio Higher Secondary School   June 2019-April 2021
  Higher Secondary Certificate, Thirupattur
  PERCENTAGE: 79%

PROJECTS

AI-Powered Deepfake Detection System | Link

- Built a deepfake detection model achieving 89% accuracy on a benchmark dataset using CNN + LSTM.
- Designed to detect fake images, videos, audio, and signatures across multiple media formats.
- Technologies used: Python, Deep Learning, HTML, CSS, Flask

Student Management System | Link

- Developed a full-stack web application to manage student records with login, registration, and full CRUD functionality.
- Implemented secure user authentication and linked student data to individual user accounts using MySQL relations.
- Technologies used: Python, Flask, MySQL, React, HTML, CSS, Postman

TO-DO List Web Application | Link

- Developed a dynamic to-do list web app that allows users to add, update, and delete tasks through a simple interface.
- Built using Flask for backend logic and HTML/CSS for the frontend layout and user interaction.
- Technologies used: Python, Flask, HTML, CSS, React

CERTIFICATIONS

- Data Analysis with Python – FreeCodeCamp   June 2025
- Introduction to Data Engineering and Big Data – HCL GUVI   June 2025
- Advance MS Excel Course – WorkIndia   May 2025
- Advance SQL Course – Hacker Rank   March 2025
- Introduction to Programming using Python – HCL GUVI   Aug 2023
- Networking Essentials – Cisco Networking Academy   April 2023