

PRASANTH RA

+91 7397555171 ◇ 52, Veeriyampalayam Road, Nehru Nagar, Coimbatore

contact@prasanthra2002@gmail.com ◇ <https://www.linkedin.com/in/prasanth-ra> ◇

OBJECTIVE

Dedicated and results-oriented AI Engineer Trainee with hands-on experience in developing and deploying AI solutions at Sayvai Software. Skilled in machine learning, data analysis, and algorithm development, I am eager to leverage my expertise to drive technological advancements and deliver impactful results. Committed to continuous learning and professional growth within the dynamic field of artificial intelligence.

EDUCATION

BE in Computer Science, Coimbatore Institute Of Technology

May 2024

CGPA - 7.50

Relevant Coursework: Artificial Intelligence, Machine Learning, Data Structures, Operating System, Compiler Design, Data Science

12th Grade - Computer Science, National Model Matriculation Higher Secondary School

2018 - 2020

SKILLS

Technical Skills Python, SQL, C, HTML, CSS, Javascript, React, Data Structures, Java.

Soft Skills Team Player, Bias For Action, Deliver Results, Communication, Problem Solving.

EXPERIENCE

Junior Software Developer

Dec 2023 - Dec 2024

Sayvai Software

Coimbatore, TN

- Implemented advanced machine learning models using TensorFlow and PyTorch for natural language processing.
- Optimized neural network architectures, reducing model inference time by 20 percent through pruning and quantization.
- Designed and automated data pipelines with Apache Airflow, improving processing efficiency by 30 percent.
- Developed algorithms for sentiment analysis and entity recognition, achieving a 15 percent accuracy improvement.

Software Developer

Dec 2024 - Present

CloudValley Technologies

Coimbatore, TN

- Designed, developed, and maintained scalable software applications using modern development frameworks, ensuring high performance and reliability.
- Collaborated with cross-functional teams, including designers, product managers, and quality analysts, to deliver end-to-end software solutions within tight deadlines.
- Improved application efficiency by optimizing codebase and resolving critical bugs, resulting in enhanced system performance and reduced downtime.
- Integrated third-party APIs and deployed applications to production environments using CI/CD pipelines, ensuring seamless functionality and continuous delivery.

INTERNSHIP

Software developer intern

Jun 2022

Cloud Valley Technologies

Coimbatore, TN

- Gained practical experience in software development practices and methodologies.

- Enhanced coding skills and problem-solving abilities through real-world projects.
- Improved teamwork and communication skills in a collaborative development environment.
- Collaborated on developing and optimizing software applications.

PROJECTS

InventoryManagementSystem(CRUD)-Built UsingPythonAndSQL. The inventory management system is a Python-based application that tracks and organizes product details in a MySQL database. It allows users to manage inventory by adding, updating, or removing products, monitoring stock levels, and processing orders.

Weather Forecast App- Built Using HTML,CSS AND JavaScript. The weather forecast app built with HTML, CSS, and JavaScript retrieves weather data from an API (like OpenWeatherMap).Users can interact by entering locations to get real-time weather updates, offering a responsive and informative experience about weather conditions.

Advanced plant disease detection using neural network(Machine Learning)- Built Using Python. The plant disease detection project utilizes neural networks to identify diseases in plants.This application aids in early disease detection, it helps farmers to take timely preventive measures to protect crops in their field.

Chatbot for Customer Support Automation. Developed a chatbot using natural language processing (NLP) techniques with Python, TensorFlow, and NLTK. The chatbot was trained on customer support data to provide automated responses to common inquiries, improving response time by 50 percent.

EXTRA-CURRICULAR ACTIVITIES

- Volunteered as Joint Secretary in Foss Club at my institution, and organized tech related events
- Elected as the Class Representative for the computer science department; July,2022
- Member of the College Photography Club; Aug/2022 - June/2023
- Placement Coordinator in the final year, and orchestrated recruitment drives, scheduled interviews, and provided career guidance to fellow department mates; May/2023 - Apr/2024

LEADERSHIP

- Mentored junior team members on best practices in software development, resulting in improved coding standards and faster project delivery.
- Organized and facilitated bi-weekly team meetings to discuss project progress, address challenges, and brainstorm solutions, fostering a collaborative and productive team environment.
- Acted as a liaison between the technical team and stakeholders, effectively communicating project updates, requirements, and timelines to ensure alignment and project success.
- Took initiative to streamline team workflows by introducing Agile methodologies, resulting in a 20 percent increase in productivity and more efficient project management.
- Represented the team in client meetings, effectively presenting technical solutions and addressing client concerns, contributing to client satisfaction and project retention.