

Raagavi G

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Summary

I am Raagavi, a highly motivated Computer Science engineering student with a strong foundation in machine learning, software development, and technical problem-solving. Skilled in Python, machine learning, and full-stack development, with a track record of successful projects and internships.

Experience

Vidya Sagar CSO	Jun 2024 - Jul 2024
Technical Intern · Developer · Intern	Chennai
<ul style="list-style-type: none">Developed and maintained a Django-based student management system with features for student profiles, reports, and data management.Implemented user authentication, authorization, and role-based access controls, and collaborated with the development team to enhance system functionalities.	
MIT Square London	Sep 2023 - Dec 2023
Research Intern · Intern	Remote
<ul style="list-style-type: none">Conducted research on sustainable heat regulation for modern data centers.Worked under the mentorship of Dr. Bharat from Grambling State University, USA.Designed a closed-loop cooling system aimed at reducing freshwater intake and leveraging renewable energy sources.	
Developer Students Club (Formerly-Google Developer Student Clubs)	Oct 2023 - Present
Operations Lead · Lead	Chennai
<ul style="list-style-type: none">Leading a team of volunteers to support and execute club activities, including workshops, hackathons, and speaker sessions.Developing strategic plans for club growth, aligning with the club's and GDSC's mission.	

Projects

Seraphina: Postpartum Depression Prediction Product's Link	-
· Python, Random Forest Algorithm, Streamlit	Machine Learning
<ul style="list-style-type: none">Developed a machine learning model to predict the risk of postpartum depression in new mothers, providing early intervention and support. Utilized Random forest Algorithm.Secured the 1st Place in WTM SheInnovates HackathonDeployed the solution using Streamlit to create an interactive application for healthcare professionals and new mothers.	
WorkZen: Developer Productivity Prediction Product's Link	-
· Python, RandomForest Algorithm, Streamlit, Scikit-learn	Machine Learning
<ul style="list-style-type: none">Created a machine learning model to assess developer work-life balance and predict productivity levels.Implemented the RandomForest Algorithm with Python and Scikit-learn for robust and reliable predictions.Designed and developed an intuitive interface with Streamlit to present personalized productivity insights and recommendations.	
FinLit: One Stop Financial Literacy Platform Product's Link	-
· Django, PostgreSQL, AI Chatbot	FinTech/ Machine Learning
<ul style="list-style-type: none">Developed a comprehensive financial literacy platform featuring an expenditure tracker, personalized investment recommendations, and a community forum for financial discussions. Integrated an AI Chatbot to offer real-time financial assistance and advice to users.Utilized Django for backend development and PostgreSQL for database management, ensuring a scalable and efficient platform.	

Awards

Best Intern Team of the Year	
· MIT Square, London	
Awarded "Best Intern Team of the Year" by MIT Sqaure London for exemplary contributions and collaborative performance.	

3rd Rank in the Department

Semester 1 · SRM Institute of Science and Technology

Secured 3rd Rank in the Department during Semester 1, reflecting strong academic achievement in core subjects.

Education

SRM Institute of Science and Technology

B.Tech · Computer Science and Engineering · Chennai

Jun 2022 - Present

9.52

Velammal Vidyashram (CBSE)

12th · CBSE · Chennai

Jun 2021 - Apr 2022

Conferences and Workshops

Devfest Chennai

GDG CHENNAI · IITM Research Park

Oct 2024

Attended DevFest Chennai, a premier developer conference by Google Developer Groups, where I engaged with industry experts, explored the latest trends in technology, and participated in workshops on cutting-edge topics like AI, machine learning, and cloud computing, enhancing my technical skills and network within the tech community.

Skills

Python, Web Developement, Full Stack Development, Machine Learning, Database Management, Django Python, Artificial Intelligence, Public Speaking, Leadership, Management

Languages

English [Professional Working Proficiency], Tamil [Native Proficiency], Hindi [Elementary Proficiency]

Links

[LinkedIn](#), [GitHub](#), [HackerRank](#)