

Sivagami Muruganantham

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Professional Summary

Dedicated Computer Science graduate with strong skills in software development, data analysis, and algorithm design. Proficient in Python, Java, C++, and experienced in machine learning, artificial intelligence, and database management. Skilled in problem-solving, critical thinking, and developing innovative solutions. Excellent communication and teamwork abilities, demonstrated through academic and professional projects. Committed to continuous learning and keeping up with technological advancements.

Skills

- Programming languages:
 - Proficiency in Python, Java, C++, and C#
- Data Structures and Algorithms:
 - Deep understanding of data structures (arrays, linked lists, trees, graphs).
 - Proficiency in designing and implementing algorithms
- Database Management:
 - Experience with databases (MySQL and Oracle).
 - Understanding of database design, normalization, and optimization.
- Operating Systems and Networking:
 - Understanding of operating systems (Windows 7, 10 and 11).
 - Knowledge of computer networks, protocols (TCP/IP, HTTP), and network security.
- Project Management:
 - Basic understanding of project management principles.
- Communication Skills:
 - Clear and effective verbal and written communication.
 - Ability to explain complex technical concepts to non-technical stakeholders.
- Teamwork and Collaboration:
 - Ability to work effectively in diverse and multidisciplinary teams.
 - Willingness to share knowledge and assist team members.
- Problem-Solving:
 - Strong analytical and critical thinking abilities.
 - Creative approach to finding solutions to complex issues.
- Time Management:
 - Effective prioritization of tasks to meet deadlines.
- Adaptability:
 - Flexibility to adapt to new technologies and methodologies.
- Leadership:
 - Ability to take initiative and lead projects or teams.
 - Mentoring and guiding junior colleagues or team members.
- Attention to Detail:
 - Thoroughness in completing tasks and checking work for accuracy.
- Interpersonal Skills:
 - Building and maintaining professional relationships.
 - Demonstrating empathy and understanding in interactions with others.
- Presentation Skills:
 - Ability to create and deliver engaging presentations.
 - Confidence in public speaking and addressing groups.
- Creativity:
 - Innovating and thinking outside the box to develop new solutions.
 - Applying creativity to both technical and non-technical challenges.

Employment History

Executive Traniee - Mahendra Nextwealth

Salem, India

Jun 2022 – Jun 2023

- Conducted follow-up communications to ensure customer issues were fully resolved and to gather feedback on service quality.
- Resolved customer inquiries and issues via phone, email, and live chat, ensuring a high level of customer satisfaction.
- Collaborated with cross-functional teams to address and resolve complex customer problems.
- Assisted senior executives in daily operations and strategic planning initiatives.

Education

M.sc - K.S.Rangasamy College of Arts and Science Autonomous

Tiruchengode, India

Computer Science (80%)

May 2020

B.sc - K.S.Rangasamy College of Arts and Science Autonomous

Tiruchengode, India

Computer Science (67%)

May 2018

Certification

- Completed Python Basics in 2020 through Data Teach.ai (online).

Papers

Crop Disease Detection and Border Alert for Fisherman using IOT

- Using sensors, it will reduce the work of farmers by automatic detect of crop disease and alert for the Fisherman in the border.

Paper Link

<https://iarjset.com/papers/crop-disease-detection-and-border-alert-system-for-fishermen-using-iot/>

Projects

Border Alert for Fisherman using IOT

- We use the sensor to detect the borderline between the two countries in the ocean. It also helps to find the fisherman boat by the navy for any emergency.

Languages

- English - Upper intermediate (B2)
- Tamil - Bilingual or Proficient ()