

## SHIVAPRASATH M

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Portfolio site : <https://shiva1021-crypto.github.io/portfolio/>

### CAREER OBJECTIVE

I am a final year B. Tech Information Technology student specializing in Cloud Computing, with practical experience in cloud technologies, web development, and IoT. I am eager to apply my technical skills, strong problem-solving abilities, and passion for innovation in a dynamic organization, with the goal of building scalable and impactful tech solutions while continuing to learn and grow in the field of software development and cloud engineering.

### PROFILE SUMMARY

Strengths and Skills:

- Strong understanding of Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOP) in C++
- Proficient in **C, C++, SQL, and Python**
- Hands-on experience with Microsoft Azure for cloud solutions
- Skilled in **Full Stack Web Development** using **HTML, CSS, and JavaScript**
- Knowledge of Machine Learning (ML), DBMS, and Operating System fundamentals
- Basic understanding of UI/UX principles

### ACADEMICS

Duration	Qualification	Percentage
2022-26	I'm pursuing B.Tech. in Information Technology with specialization Cloud Computing from Alliance University, Bengaluru	<b>6.74</b>
2021-22	Class 12 from Vijay Boys , State Board, Dharmapuri, TN.	<b>80.16%</b>
2019-20	Class 10 from Vijay Boys, State Board, Dharmapuri, TN.	<b>78.4%</b>

### Value Added Certificates

#### Google Cloud - April 21, 2024

<b>Preparing for Google Cloud Certification: Cloud data engineer</b>	<ul style="list-style-type: none"><li>• Essential skills for advancing a career in data engineering.</li><li>• Learn to design, build, and run data processing systems and operationalize machine-learning models.</li><li>• Hands-on experience through practical labs and projects through the Qwiklabs platform.</li></ul>
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#### Microsoft - September 2024

<b>Introduction to Microsoft Azure Cloud Services</b>	<ul style="list-style-type: none"><li>• Cloud Infrastructure</li><li>• Cloud Platforms</li><li>• Cloud Applications</li><li>• Cloud Storage</li></ul>
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## PROJECTS

**(Project 1) Self-Driving Car Model,** An IoT-based self-driving car model that utilizes machine learning algorithms for image detection and path-planning. - *Alliance University*

**(Project 2) Biometric Voting System,** A secure voting system that uses fingerprint and facial recognition to allow registered voters to cast their ballots from any location, enhancing accessibility and participation in elections. - *Alliance University*

**(Project 3) An AI-powered voice assistant** inspired by Iron Man's JARVIS, built using Python. It listens to voice commands, converts speech to text, fetches responses from Wolfram Alpha or Google, and replies with voice output. Designed for smart, hands-free interactions on a personal computer.

**(Project 4) Home Automation using Gestures & Voice:** Built a smart home system that controls appliances via hand gestures (MediaPipe) and voice commands (speech recognition). Used Python for input processing and Arduino with HC-12 modules for wireless control via relay.

**(Project 5) Front End Development,** developing a website using HTML and CSS for clothing, ecommerce men's clothing webpage.

## AWARDS & ACHIEVEMENTS

### Extra and Co-Curricular

- 2<sup>nd</sup> Position at self-driving car hackathon at Alliance University.

## INTERESTS

Web designing, Machine learning.

## PERSONAL DETAILS

<b>Permanent Address</b>	1/89c Vishwanatha nagar, Dharmapuri, Tamil Nadu - 636705
<b>Date of Birth</b>	21 July 2005
<b>Languages</b>	English, Tamil.