

Sivaraj T

Tiruvannamalai, Tamil Nadu | +91 9677552151 | tsivaraj2007@gmail.com | [Portfolio](#)

[LinkedIn](#) | [GitHub](#) | [SkillRack Profile](#) | [LeetCode Profile](#) | [Verified Technical Certificates](#)

SUMMARY

Detail-oriented **B.Tech IT student** and **Full-Stack Web Developer** with a strong foundation in **Python, Flask, and Database Management**. Proven track record in competitive programming with **1500+ problems solved** and experience building scalable web applications. Passionate about leveraging Machine Learning and Cybersecurity to solve real-world challenges.

EDUCATION

Velammal Engineering College, Chennai *Bachelor of Technology in Information Technology (B.Tech IT)* | Expected 2028 **GPA : 8.55**

TECHNICAL SKILLS

- **Languages:** Python, Java, C, C++, SQL, MongoDB
- **Web Development:** Flask, HTML5, CSS3, JavaScript, MongoDB, MySQL, Git, API Integration
- **Concepts:** Data Structures & Algorithms (DSA), Machine Learning (Random Forest), Cybersecurity (CTF)
- **Tools:** Git, GitHub, Render (Deployment), QR-based Systems

PROJECTS

LifeFlow – Blood Bank & Donor Management System

- Designed a full-stack platform to connect donors with recipients in real-time.
- **Tech:** Python, Flask, MongoDB.
- **Link :** <https://sivaraj09.pythonanywhere.com>

Smart Fire Predictor (TNFSC Innovation Challenge)

- Developed an AI-driven system to predict and detect fire hazards, shortlisted for the final presentation by the **Tamil Nadu Fire and Rescue Services**.

Smart Crop Predictor

- Developed a predictive model using **Random Forest** to assist farmers in crop selection based on environmental data.

College Feedback & QR Relay Systems

- Built a digital feedback platform and a QR-based debugging event website for **Velammal Engineering College**. Digitized the feedback process for 500+ students, reducing paper waste and processing time.

Additional Projects (12+ Total)

- Developed and deployed **over 12 technical projects** spanning Web Development, Data Structures, and Automation.
- Full repository of projects including a **Railway & Bus Booking System (C)** and various Python-based tools are available on my GitHub.
- **GitHub Profile:** <https://github.com/Sivaraj-T-hash>

KEY ACHIEVEMENTS

- **SkillRack:** Solved **1500+ problems** and earned **550+ Bronze Medals**.
- **LeetCode:** Solved **50+ problems**.
- **1st Place – Project Expo:** Awarded Top Honors for technical innovation and implementation.
- **2nd Place – Hackathon:** Secured 2nd place in the "Health Diagnosis Assistant" Hackathon (March 2026) conducted by **Velammal Engineering College**.
- **Cybersecurity:** Won **3rd place** in a regional CTF event (Feb 2026) and participated in ClawCTF.
- **NPTEL Silver Medalist:** Awarded for elite performance in **“Python For Data Science”**.
- **Innovation:** Shortlisted for the **TNFSC Smart Fire Innovation Challenge** finals.
- **Certifications:** Earned **40+ verified technical certificates**, including **30+ certifications from SkillRack** in various programming and logic domains.