

# Sri samrakshan Parthiban

Udumalpet , Tamil Nadu, India | [rakshan864@gmail.com](mailto:rakshan864@gmail.com) | +91 94874 50507



## Objective:

Motivated IT graduate seeking an entry-level software developer role to apply programming skills and problem-solving ability in building reliable applications.

## Technical Skills:

- **Programming Languages:** C, Java, Python, C#, JavaScript, Dart (Basics).
- **Backend & APIs:** Node.js, Flask.
- **Frontend:** HTML, CSS, React.js, Flutter.
- **Database:** Mysql, Oracle SQL.
- **DevOps & Tools:** Basic exposure with Docker, Git, CI/CD pipeline implementation, VS Code, Linux/WSL
- **Cloud Knowledge:** Basic understanding of cloud computing concepts — Compute, Storage, Database, and Deployment models (*IaaS, PaaS, SaaS*).
- **Operating Systems:** Linux and Windows fundamentals
- **Networking Knowledge:** Basic understanding of computer networks, including LAN and WAN concepts, IP addressing, DNS, and troubleshooting connectivity issues

## Strengths:

- Quick to adapt to new technologies and tools
- Strong problem-solving with logical thinking
- Effective collaboration in team-based development

## Projects:

### Image Security using Multi-Agent Swarm Behavior & Quantum-Inspired Chaotic Encoding

- Developed an image encryption and decryption system ensuring exact image recovery.
- Improved resistance against brute-force and statistical attacks.
- Tech Stack: HTML, CSS, Javascript, Python Flask.

### Online Instant Messenger

- Developed a real-time, secure instant messaging system using C# and SignalR with ephemeral, database- free communication
- Tech Stack: C#, SignalR.

### Steganography + Encryption Messenger

- Built a secure messaging system that hides encrypted text inside images using steganography
- Tech Stack: HTML, CSS, Javascript, Python Flask.

**Education:**

- **Bachelor of Science in Information Technology**

Nallamuthu Gounder Mahalingam College, Pollachi  
Pursuing (Expected Graduation: July 2026)  
Percentage: 75.3%

- **Higher Secondary Education (HSE)**

Govt Boys Higher Secondary School, Udumalpet  
2022 – 2023  
Percentage: 64.83%

**Certifications:**

- NPTEL – Python for Data Science
- NPTEL – Introduction to Programming in C
- Infosys Springboard – ReactJS
- HackerRank – SQL (Advanced)
- HackerRank – C# (Basic)
- IIT Spoken Tutorial – JavaScript Training
- Novitech – Bootcamp in Leveraging Full Stack with AI
- Value Added Course – Crux of Cyber Security and Crime
- Value Added Course – Workplace Digitization

**Languages:**

- Tamil – Read, Write, Speak
- English-Read, Write, Speak

**Achievements:**

- Two-time Runner-Up – Inter-College Chess Tournament (2023 & 2024)  
Demonstrated strategic thinking, problem-solving, and focus under pressure.
- Joint Secretary – NSS  
Organized blood donation camps, sapling plantations, and rural outreach programs.

