

Sri samrakshan Parthiban

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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.

