Srisamrakshan Parthiban

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📞 94874 50507

📍 Udumalpet, Tamil Nadu, India.

🗓 2005-08-23

in linkedin.com/in/srisamrakshan

🔗 irakshan.vercel.app

⌗ github.com/Samrakshan-Prog

Professional Objective

Aspiring Full-Stack Developer skilled in full-stack development and secure systems, seeking to contribute through problem-solving and innovative solutions.

Education

2023 – 2026 Coimbatore	**B.Sc. in Information Technology** *Nallamuthu Gounder Mahalingam College (Bharathiar University)* 73%
2022 – 2023 Udumalpet	**HSC** *Government Boys Higher Secondary School* 64%

Core Competencies

Programming Languages
C, Java, C♯, JavaScript, Python (Basics)

Frontend Development
HTML, CSS, JavaScript, React.js (Basics), Bootstrap

Backend Development
Flask, API Integration, Node.js.

Databases
Oracle 21c XE, MySQL, MongoDB

Frameworks & Libraries
NumPy, OpenCV, Electron

Tools & Platforms
Git, GitHub, Eclipse, VS Code, XAMPP

Concepts & Technologies
Web App Development, UI/UX Design, RESTful APIs.

Personal Details

Languages Known
English, Tamil

Achievements

01/12/2022	**Two-time Runner-Up – Inter-College Chess Tournament** • Demonstrated strategic thinking, problem-solving, and focus under pressure.
01/12/2023	**Joint Secretary – NSS** • Organized blood donation camps, sapling plantations, and rural outreach programs.

Certifications

- Value Added Course: Crux of Cyber Security and Crime,Workplace Digitization
- Hackerrank: SQL (Advanced),C♯ (Basic)
- NPTEL: Introduction to Programming in C
- NPTEL: Python for Data Science

Interests

- Backend development and scalable API integrations.
- Secure systems with quantum-inspired techniques.
- UI/UX design and responsive front-end development.
- Modern JavaScript frameworks and backend technologies.
- Open-source web development contributions.

Projects

2025 – Present
Image Security using Multi-Agent Swarm Behavior (MASB) & Quantum-Inspired Chaotic Encoding (QICE)
- Developed an image encryption and decryption system ensuring exact image recovery.
- Integrated MASB and QICE to enhance security against cryptographic attacks.

2024 – Present
Enhancing Image Security using 2D Chaotic Maps
- Implemented robust encryption using 2D chaotic maps to strengthen image data protection.