

Sarvesh T S

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EDUCATION

Jain University

Bachelor of Technology in Cybersecurity

Bangalore, India

Aug. 2022 – May 2026

Swargarani Pre University College

Pre University in Physics, Chemistry, Mathematics, and Computer Science

Bangalore, India

Aug. 2020 – May 2022

EXPERIENCE

Freelance Website Developer

December 2023 – Present

Remote

- Delivered custom web solutions for 4+ live clients, focusing on responsive design, user experience, and performance optimization using HTML, CSS, JavaScript, and modern frameworks.
- Collaborated with multiple developers on full-stack projects, ensuring clean code practices, efficient Git workflows, and scalable architecture.
- Handled end-to-end development — from requirement gathering and prototyping to deployment and maintenance.
- Integrated third-party APIs, implemented form validation and authentication, and optimized for SEO and accessibility.

Security Intern

May 2025 – Jul 2025

Adiroha Solutions

Bangalore, India

- Conducted Vulnerability Assessment and Penetration Testing (VAPT) on web applications using tools like Burp Suite, Nmap, and DirBuster to identify and exploit common security flaws.
- Assisted in preparing detailed security reports with remediation steps for issues such as SQL Injection, XSS, Authentication Bypass, and Security Misconfigurations.
- Gained hands-on experience in ethical hacking techniques, OWASP Top 10 vulnerabilities, and secure coding best practices.

PROJECTS

SecureNote Application | *Flask, AES, HTML, CSS, JS*

- * Engineered a full-stack encrypted note-taking app using Flask, integrating AES encryption, secure key derivation, and session-based access control.
- * Designed responsive UI components, implemented authentication flows, and managed user data securely using custom logic and modular abstraction.

CyberQuest – Capture the Flag Game | *Next.js, Tailwind CSS, HTML, CSS, JavaScript*

- * Built an interactive CTF platform simulating real-world cybersecurity attack vectors like SQL injection, steganography, and auth bypass challenges.
- * Crafted gamified UX with reusable components and secure puzzle logic to teach security concepts through user-centric flows.

RSA Encryption Suite | *Python, Flask, HTML, CSS, JavaScript*

- * Developed an RSA encryption platform from scratch with support for key generation, message encryption/decryption, and visual cryptographic workflow.
- * Integrated frontend-backend flows with emphasis on functional modular design, mathematical abstraction, and usability for learning RSA internals.

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, JavaScript, SQL (PostgreSQL), HTML/CSS, React.js, Flask, Node.js, Next.js

Security & Tools: AES, RSA, OAuth, JWT, OWASP Top 10, Burp Suite, Nmap, Git, Docker, Postman

Data & Design: Pandas, NumPy, Figma, Tailwind CSS, Responsive UI, REST APIs