SURYADEVARA PAVAN

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SUMMARY

Final-year B.Tech student in Information Technology with hands-on experience in web development, systems programming, and security tooling. Skilled in building full-stack applications using Python, Go, JavaScript, and SQL, with additional experience in cloud platforms and fine-tuning AI/ML models. Actively practicing problem-solving to strengthen coding efficiency and debugging skills, with the goal of contributing to impactful software projects in a professional environment.

INTERNSHIPS

Web Developer Intern , PRODIGY INFOTECH   **Feb 2025 - Mar 2025**

- Developed 4 responsive web projects, including a landing page, mini-game, portfolio, and form validation app using HTML, CSS, and JavaScript.
- Implemented responsive layouts, interactive UI components, and form validation across 4 web projects using HTML, CSS, and JavaScript, testing functionality across 3 major browsers.

Cybersecurity Trainee, SKILL DZIRE   **May 2024 - Jun 2024**

- Conducted simulated attacks on 3 virtual machines, focusing on network-level tasks such as port scanning and service enumeration.
- Designed a network reconnaissance toolkit combining a TCP port scanner in Go with concurrent scanning via Goroutines, and a Python-based IP information tool using external APIs to fetch geolocation, ISP, and ASN data.

EDUCATION

B.Tech in Information Technology
CGPA: 7.1   **Nov 2022 -Present**

Intermediate (Class 12)
Bhashyam Junior College │ A.P. Board of Intermediate Education (A.P.B.I.E)   **Jun 2020 - Mar 2022**
Percentage: 64%

Secondary (Class 10)   **Aug 2015 - Aug 2019**
Bhashyam High School │ Board of Secondary Education of Andhra Pradesh (BSEAP)
Percentage: 99.3%

PROJECTS

SQUAD
[View Project]

**Tech Stack: HTML, CSS, JavaScript (Frontend);
MariaDB, MySQL (Backend)**

- Developed SQUAD, an anonymous chat platform enabling temporary, real-time conversations without storing personal data.
- Created the frontend using HTML, CSS, and JavaScript, and built the backend with MariaDB and MySQL to store messages temporarily with no long-term retention.

Port Scanner
[View Project]

Tech Stack: Go Language

- Utilized goroutines in Go to perform concurrent port scanning, significantly improving speed.
- Built a simple command-line tool that lets users check for open ports on a single IP or multiple IPs.

Web Scraper
[View Project]

Tech Stack: Python, Requests, BeautifulSoup, urllib, Concurrent Futures

- Developed automated web scraper with robust URL parsing and session management.
- Engineered concurrent download system handling multiple files simultaneously with comprehensive error handling.

CERTIFICATIONS

- Foundation Level Threat Intelligence Analyst [ARCX]
- Gen AI for Beginners [Simplilearn[]
- Data Visualisation: Empowering Business with Effective Insights[Tata Group]

TECHNICAL SKILLS

- Languages: Python, Go, JavaScript.
- Tools & Frameworks: Git, React.js.
- Databases: MySQL, MariaDB, MongoDB.
- Platforms: Linux, Windows.

ACHIEVEMENTS

- Earned 50-day badge on LeetCode for consistent coding practice.
- Solved over 100 problems on LeetCode.
- Set up a homelab to automate proxychains and test web applications in a controlled environment.