

# Siddharth B N

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## EDUCATION

- Atria Institute of Technology** Bengaluru, India  
• Bachelor of Engineering - Computer Science[Data Science]; GPA: 7.62 Dec 2022 - May 2026  
*Coursework:* Operating Systems, Data Structures, Algorithm analysis, Artificial Intelligence, Machine Learning, Networking, Databases

## SKILLS SUMMARY

- **Languages:** Python, C++, SQL, Web Technologies - HTML, CSS
- **Frameworks:** Django, Numpy, Scikit-learn, SpringBoot, Metasploit, Bootstrap, Tailwind CSS
- **Libraries & Tools:** Git, PostgreSQL, MongoDB, ChromaDB, Ollama, BurpSuite, Wireshark, Nmap, PowerBI, Pandas, Matplotlib, Seaborn
- **Platforms:** Linux, Web, Windows, GitHub, Docker, Canva, DaVinci Resolve
- **Soft Skills:** Leadership, Event Management, Public Speaking, Team Work

## EXPERIENCE

- Cybersecurity Club of Atria,IT** College-Initiative  
• Co-Founder & Development Team Lead Oct 2024 - Nov 2025
  - CTF – G1, G2, G3: focused on progressive web-exploitation puzzles, built using HTML and CSS.
  - INTRUVERSE – The Matrix Within: featuring tasks in steganography, malware analysis, and log monitoring; deployed on Vercel, platform built with Next.js, MongoDB, and Three.js.
  - HACKTRACE – OSINT Simulation: Realistic OSINT investigation simulator designed for clue discovery, intelligence gathering, and analytical skill development.
- Centre of Excellence for Cybersecurity - CySecK, IISC Bengaluru** On-Site  
• CyberSecurity Trainee(Full Time) Oct - Nov 2025
  - 180Hr Hands-On: Completed an intensive hands-on cybersecurity training focused on network security, web application security, and digital forensics. Gained practical exposure to vulnerability assessment, incident response, and threat analysis using industry-standard tools

## PROJECTS

- Legal Case Compass (LCC) — Legal RAG System: A legal-information retrieval and case-analysis system built using a RAG pipeline with a vector database and Ollama-based LLM inference. Retrieves relevant precedents, extracts key facts, and generates structured insights from Indian legal judgments.
- PARKit — Parking Slot Reservation System: Developed a Django-based web application for real-time parking slot management. Implemented slot visualization, reservation flow, and dynamic availability updates. Designed an intuitive UI using HTML and CSS for seamless user interaction.
- SNAPSspace — Image Gallery Web App: Built a lightweight Flask application for uploading, storing, and viewing images. Integrated secure media handling with a responsive, minimal UI. Optimized for fast load times and an organized gallery experience.
- QRglyph: A Flask-based QR generation and verification tool that detects phishing and malicious links through QR decoding, anti-scam trust checks, and safe URL analysis, with support for multi-QR creation and a modern hacker-styled UI.
- Population Distribution of India — Data Analysis: A Power BI project analyzing population distribution patterns across Indian states, visualizing key demographic indicators and comparative insights through interactive dashboards.

## PUBLICATIONS

- Survey: Bus Ticketing Dataset Analysis (HRBP): Published an initial survey analyzing the Bus Ticketing Dataset under HRBP, focusing on data patterns, user flow, and operational insights (2025).

## CERTIFICATIONS

- Google Cloud Fundamentals Core Infrastructure - Apr 2025
- Prompt Engineering by MTF - Aug, 2024
- C++ Programming - Oct, 2023 and more ...

## VOLUNTEER EXPERIENCE

- Vigyanrang – College Fest Registration Coordinator** Atria, IT  
• Assisted in event registration workflow and coordination, ensuring efficient participant handling. 2025
- TedxAtriaIT – Ticket Registration & Web Development** Bengaluru, India  
• Handled end-to-end technical setup for online registration and ticketing for 300+ participants. Nov 2024 - Feb 2025
- YouTube Channel Technical Support** Bengaluru, India  
• Technical operations, Video production, aiding the channel's growth to 100k+ subscribers. 2021 – Present

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