Siddharth B N
Software Engineer / Data Analyst

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Software Developer with experience designing and implementing backend systems, web applications, and data-driven tools. Strong foundation in Python, C++, algorithms, and database-driven development. Proven ability to take projects from concept to deployment while maintaining code quality and clarity. Eager to contribute to engineering teams building impactful and scalable products.

SKILLS

Tools and Languages	Python, C++, SQL, HTML, CSS, JavaScript
Frameworks & Libraries	Django, Flask, Numpy, Pandas, Matplotlib, Tailwind CSS
Cybersecurity Tools	BurpSuite, Wireshark, Nmap, Metasploit
Databases & Platforms	PostgreSQL, MongoDB, ChromaDB, Docker, Linux
Communication	English, Hindi, Kannada, Telugu, Tamil

TECHNICAL EXPERIENCE

Co-Founder & Development Team Lead   Oct 2024 — Nov 2025
Cybersecurity Club of Atria, IT   *Bengaluru, India*

- Designed and deployed multiple cybersecurity challenge platforms including CTF G1, G2, G3.
- Built INTRUVERSE – The Matrix Within, a Next.js + MongoDB + Three.js–based 3D cybersecurity challenge environment hosted on Vercel.
- Developed HACKTRACE, an OSINT simulation platform for real-world investigation, clue tracing, and intelligence gathering.
- Led technical teams, conducted workshops, and mentored members in Python, web development, and cybersecurity tooling.

CyberSecurity Trainee (Full-Time)   Oct 2025 — Nov 2025
CySecK – Centre of Excellence in Cybersecurity, IISc Bengaluru   *Bengaluru, India*

- Completed 180+ hours of hands-on training in network security, web security, digital forensics, and threat analysis.
- Performed vulnerability assessments, incident response walkthroughs, and analysis using industry tools such as BurpSuite, Nmap, and Wireshark.
- Worked on security testing workflows and practical lab environments aligned with real-world attack/defense scenarios.

PROJECTS

Legal Case Compass (LCC) | Legal RAG System A RAG-based legal case–analysis tool using ChromaDB and Ollama for precedent retrieval, fact extraction, and structured judgment insights. Built to streamline Indian legal research workflows with fast and contextual querying.

PARKit | Parking Slot Reservation System A Django-based real-time parking management system with dynamic slot visualization, booking flow, and availability updates. Designed with a clean HTML/CSS UI enabling seamless user interactions.

SNAPSpace | Image Gallery Web App A lightweight Flask application for uploading, organizing, and viewing images with secure media handling. Features a responsive, minimal gallery layout optimized for fast loading.

QRglyph | Anti-Scam QR Verification Tool A Flask-based QR generator and verifier detecting phishing/malicious URLs using decoding, trust checks, and safe-URL analysis. Supports multi-QR creation, custom colors, and a modern hacker-style UI.

Population Distribution of India | Data Analysis A Power BI dashboard analyzing demographic patterns across Indian states. Visualizes population metrics and comparative insights using interactive, state-wise data exploration.

EDUCATION

Bachelor of Engineering in Computer Science (Data Science), *Atria Institute of Technology, Bengaluru*   Dec 2022 — May 2026
CGPA: 7.62 (Till VI Semester)
Class XII – Kendriya Vidyalaya CRPF Yelahanka   2022
Percentage: 80.0%

CERTIFICATIONS

Google Cloud Fundamentals — Core Infrastructure [Google] | Apr 2025
Prompt Engineering Professional Certification [MTF Institute] | Aug 2024
C++ Programming Certification Oct 2023
Version Control [Meta] |2024 more...

ACTIVITIES

Vigyanrang College Fest — Registration Coordinator	2025
Kannada Excellence Academy (YouTube) — Technical Support & Video Production	2021 — Present
TedxAtriaIT — Technical & Registration Support	Nov 2024 — Feb 2025