Anish Nagula
B.Tech - Computer Science
PES University

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EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	*Computer Science & Engineering*	PES University	2023-Present	9.00
HSC TSBIE	*Physics, Chemistry, & Mathematics*	Turito College	2021-2022	8.76
SSC CBSE	-	Silver Oaks	2010-2020	8.9

TECHNICAL SKILLS

- **Languages:** Python, C, Go, JavaScript, Rust, SQL, Bash, Assembly (Beginner), Verilog (Beginner)

- **Frameworks & Tools:** React, Node.js, MongoDB, Git, Linux, VS Code, Postman, Arduino IDE

ACHIEVEMENTS

- **Awarded CNR Scholarship for academic excellence (Semesters 1–3)**

WORK EXPERIENCE

None *Jun-Present 2024*

PROJECTS

- **Bash-PassMgr — *Local AES-256 Encrypted Password Manager*** *Mar-Mar 2025*
    - Designed and implemented a CLI password manager in Bash using OpenSSL for AES-256 encryption. A local credentials storage system with encryption/decryption routines, ensuring no third-party or cloud dependency.

- **GhostDrop — *Frontend-Only Peer-to-Peer File Sharing*** *Apr-Apr 2025*
    - Developed a React-based UI that allows users to upload files and generate QR-code-based links for direct transfers. Integrated with Supabase for temporary storage and handled cross-device compatibility without user login.

- **ShadowExec — *Secure Remote Command Execution System (Python)*** *Apr-May 2025*
    - Built a secure Python-based remote command execution system with RSA key exchange, AES-encrypted UDP communication, Tkinter GUI client, and CSV-based user login.

- **QuickBang — *Search Tool with Bang Shortcuts*** *Dec-Jan 2024*
    - Built a lightweight search interface in JavaScript/React supporting custom `!bang` shortcuts, dropdown suggestions, keyboard navigation, and localStorage caching.

- **LeetCode Backend — *Problem Solving & Code Submission API*** *Oct-Nov 2024*
    - A backend system implemented in Go that mimics LeetCode's problem-solving and submission functionalities. Supports user authentication, code execution, and performance tracking.

- **User & Product Management System — *C-Based CLI App with Recommendations*** *Sept-Oct 2024*
    - Wrote a C-based command-line app to register users, manage products, and suggest items based on purchase history using basic recommender logic.

POSITIONS OF RESPONSIBILITY

- **Logistics Team Member – Maaya PES University** *Oct-Nov 2024*
    - Assisted in organizing and managing logistics for the university's annual Maaya event, ensuring smooth coordination of resources, schedules, and event operations.

EXTRA-CURRICULAR ACTIVITIES

- **Hobbies:** Badminton, Guitar, Swimming, Drawing,