

Agnik Paul

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SUMMARY

Fourth-year Computer Science student seeking a Software Engineer Internship or full time opportunity. foundational knowledge in data structures, algorithms, and full-stack development. .Motivated and detail-oriented with knowledge of HTML, CSS, javascript and SQL. Eager to apply problem-solving skills and learn new technologies in a practical environment. Passionate about building user-friendly web interfaces and continuously improving technical abilities. Passionate about building software that solves real-world problems. Fast learner with a collaborative and growth-oriented mindset.

TECHNICAL SKILLS

Languages: C++, JavaScript (ES6+), Python, SQL, Java

Frameworks/Libraries: Node.js, Express, React, Bootstrap, Tailwind CSS

Tools/Technologies: PostgreSQL, MongoDB, Git/GitHub, Postman, REST APIs, OAuth2

PROJECTS

ToonTown – Cartoon Character Exploration Website

Mar 2025 – Apr 2025

Interactive front-end project bringing back childhood nostalgia

Tech Stack: HTML, CSS, JavaScript

Designed and developed an engaging website allowing users to explore popular cartoon characters, search for their favorites, and access detailed information.

GitHub: <https://github.com/draxter002/Toontown1>

Supermarket Billing System

May 2024 – Jun 2024

Console-based C++ project for billing and inventory management

Built a **console-based billing application** in **C++** to manage supermarket transactions efficiently.

Implemented **inventory management** features including adding, editing, and deleting products.

Integrated bill generation, product database handling, and user input validation for a complete retail management system.

GitHub: <https://github.com/draxter002/supermarket-billing-system>

Unified Cross-Modal Audio-Visual Steganography Framework

May 2025 – Jun 2025

encryption of media files using LSB

The system enables users to encrypt and embed secret data into cover media (PNG/BMP images and WAV audio files) using Least Significant Bit (LSB) substitution algorithms, ensuring high fidelity and robust security.

Tech Stack: HTML, CSS, Python, FastAPI, NumPy, Pillow, PyCryptodome

GitHub: <https://github.com/draxter002/supermarket-billing-system>

EDUCATION

B.Tech in Computer Science and Engineering

Aug 2023 – Present

Jaypee Institute Of Information Technology

Noida, India

Current CGPA: 5.2/10 (as of 6th semester)

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Management Systems, Computer Networks

CERTIFICATIONS

Python Programming Certification – Coursera (2024)

Full Stack Web Development with React – Udemy (2024)

Database Management Systems – NPTEL (2023)