Pratik
Gayen
Software Developer

CONTACT ME

📞 +91 74395 79615

✉️ pratik.neel02@gmail.com

🖥️ https://firedrop6000.github.io/portfolio/

📍 196 R.K. Pally, Sonarpur, Kolkata - 700150

EDUCATION

Computer Science and Engineering

Government College of Engineering and Leather Technology
2020 - 2024

General Science + Computer Applications

Mansur Habibullah Memorial School
2018 - 2020

SKILLS

- Frontend Design
- API Development
- Web development
- Linux Systems
- Version Control
- Database Management

WORK EXPERIENCE

Intern Data Analyst   2025 - present

DigitalSherpa.ai l Kolkata

- As a skilled Data Analyst, I specialize in developing and managing data-driven applications to support business objectives, overseeing the full application lifecycle, and ensuring timely execution of critical milestones such as release dates, end-of-support, and end-of-life phases.
- I proficiently handle Software Identification (SWID) tags, manage ISO standards, and conduct rigorous quality control (QC) to ensure seamless performance, compliance, and deliver actionable insights to drive operational efficiency.

PROJECTS

Journal Application API: RESTful API with Java and Spring Boot

Tech Stack - Java, Spring Boot, Maven, MongoDB Atlas

Built a role-based API with Spring Boot, Spring Data JPA, and MongoDB Atlas for journal entry management. Gained expertise in secure system design and user role management. Used Spring Security for robust authentication and authorization, balancing security and usability.

X Sentiment Analyzer: Backend NLP using CardiffNLP

Tech Stack - Python

Built a Sentiment Analyzer to classify tweets during high-traffic events, deploying it via a browser extension for real-time tweet fetching and analysis. This enhanced my skills in natural language processing and bridging backend ML with user-facing tools, while tackling challenges in scaling models for dynamic, noisy data.

Inventory Management Software: Using Tkinter and PI

Tech Stack - Python

Built a high-performance Inventory Management Software for warehouse workers with transaction tracking, emergency alerts, and industrial system compatibility. Iterative development and feedback refined my skills in scalable, user-centric design, emphasizing collaboration and end-user needs.