SURYAKANTA GHOSH

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OBJECTIVE

Enthusiastic and solution-driven MCA student with a BCA background, passionate about building efficient and scalable tech solutions. Equipped with strong foundations in Python, web development, and data structures, I seek to leverage my skills to develop impactful software applications. Eager to contribute to forward-thinking teams where I can grow as a developer while solving real-world challenges through code.

EDUCATION

Master of Computer Application   2024 - 2026
Durgapur Institute of Advanced Technology and Management, Rajbandh. CGPA : 6.64/10

Bachelor of Computer Application   2021 - 2024
Management Institute of Durgapur, Rajbandh. CGPA : 8.39/10

Higher Secondary, WBCHSE, Class XII   2020 - 2021
West Bengal Council of Higher Secondary Education, Percentage : 81.8%

SKILLS

Programming Languages	Python, Java, C, JavaScript
Web Development	HTML, CSS, JavaScript, Flask
HTML, CSS, JavaScript, Flask	Git, VS Code, Bootstrap, yt-dlp
Database Management	MySQL, SQLite

PROJECTS

Smart Investment Portfolio Tracker with Sentiment Analysis ,   June 2025 - July 2025
Major Project

- Tech Stack: Python, Flask, HTML, CSS, JavaScript, SQLite, Alpha Vantage API, NLP (TextBlob/NLTK)
- Developed a web-based investment tracker supporting real-time updates for stocks and crypto portfolios.
- Integrated sentiment analysis using NLP to evaluate financial news and tweets, offering smart investment insights.
- Created interactive dashboards for visualizing portfolio performance and sentiment trends.
- Improve Driver comfort and reduce fatigue.
- Implemented secure user authentication, portfolio risk profiling, and suggestion engine based on sentiment & diversification.

Decentralized Skill Swap Platform (DSSP)   May 2025 - July 2025
Internship project

- Tech Stack: Python, Django, JavaScript, HTML, CSS, PostgreSQL, Socket.IO
- Built a community platform where users exchange skills (e.g., tutoring, design) using a time-credit system.
- Developed backend with Django to manage user roles, credit wallets, skill listings, and match engine.
- Integrated real-time chat using Socket.IO and a feedback system for service trust-building.
- Designed responsive UI for profile dashboards, booking system, and transaction history.

CERTIFICATIONS

Introduction to Cloud Computing	May 2025- July 2025
Python For Beginners Course In-Depth	June 2025 - July 2025