

SURYA KARMAKAR

Software Developer

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PROFESSIONAL SUMMARY

Full-stack developer and B.Tech Computer Science student with hands-on experience building responsive, production-grade web applications using HTML, CSS, and JavaScript, paired with strong Python skills for data automation and analysis. Reduced manual processing time by up to 95% through custom automation scripts and delivered live, production-deployed projects end-to-end. Combines solid full-stack fundamentals with applied machine learning and data analytics experience, and is seeking a Software Developer role to build scalable, high-impact solutions in a consulting or technology environment.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML5, CSS3, SQL

Libraries & Frameworks: Pandas, NumPy, Scikit-learn, Matplotlib

Tools & Platforms: Git, GitHub, VS Code, Power BI, Excel, Netlify

Core Concepts: Responsive Web Design, UI/UX, REST APIs, OOP, Data Structures & Algorithms, Data Preprocessing, Data Visualization, Machine Learning

Soft Skills: Problem-Solving, Analytical Thinking, Communication, Independent Ownership

EDUCATION

Bachelor of Technology in Computer Science & Engineering

2025 – 2028 (Pursuing)

Swami Vivekananda University

Diploma in Computer Science Engineering

2022 – 2025

Basantika Institute of Engineering and Technology, Birbhum, West Bengal | CGPA: 8.3

PROJECTS

ML Predictive Model

Tech Stack: Python, Scikit-learn, Pandas

- Developed classification and regression models on structured datasets to solve predictive analytics problems
- Built data preprocessing pipelines, including data cleaning and feature engineering, to improve model input quality
- Evaluated model performance using accuracy, precision, recall, and F1-score to validate predictive reliability

Python Automation Suite

Tech Stack: Python, File I/O, Scripting

- Built automation scripts for bulk file renaming, CSV cleaning, and report generation, eliminating repetitive manual work
- Optimized a 2-hour manual data processing workflow to under 5 minutes, a 95%+ reduction in processing time
- Improved team productivity by streamlining recurring data-handling tasks through reusable Python utilities

CERTIFICATIONS

- Deloitte Data Analytics Job Simulation — applied experience in real-world business data analysis
- Tata GenAI Powered Data Analytics Job Simulation — exploratory data analysis, AI-driven prediction modeling, business reporting, and data storytelling