Animesh Sarkar

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Professional Summary

Ambitious B.Tech Computer Science Engineering student skilled in Full Stack Web Development and Data Analytics. Hands-on experience in developing dynamic web applications, data-driven solutions, and AI-integrated systems. Proficient in Python, PHP, JavaScript, and MySQL, with a strong problem-solving and analytical mindset. Seeking to leverage technical expertise and creativity to build scalable, efficient, and user-focused digital products.

Technical Skills

Languages: Python, SQL, C, JavaScript (Basic)
Data Analysis: Pandas, NumPy, Data Cleaning & Wrangling
Visualization: Power BI, Tableau, Excel (Pivot, Charts)
Databases: MySQL
Tools: Jupiter Notebook, VS Code, GitHub
Web (Basic): HTML, CSS, Bootstrap
Other: REST API Integration, Debugging

Education

Certificate Course in AI & Data Science (Dec 2025 – Present)
Jadavpur University
B.Tech in Computer Science & Engineering (2021 – 2025)
Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, Kolkata (MAKAUT) — **CGPA: 7.33**
Higher Secondary (Science - PCMB) (2020 – 2021)
Sainthia Town High School (WBCHSE) — **75%**

Experience

Computer Trainer – Tiljala SHED *(July 2025 – Present)*
Conducting training sessions in Web Development, AI Tools & MS Office. Designed practical lessons and project-based learning modules for students.
Deloitte Data Analytics Virtual Experience – Forage *(April 2026)*
Completed a job simulation involving real-world data analytics tasks. Built interactive dashboards using Tableau to analyze machine downtime and performed gender pay equality analysis using Excel. Gained hands-on experience in data interpretation, visualization, and business insights.
Web Development Intern – EduStation *(Feb 2023 – Apr 2023)*
Assisted in developing and testing responsive web interfaces for educational projects. Collaborated on UI/UX improvements and bug fixing using HTML, CSS, and JavaScript.

Projects

1. Intelligent Driver Assistance System
Developed a Python-based AI project for intruder recognition and drowsiness detection using OpenCV.
Implemented facial recognition and real-time alert mechanisms to enhance driver safety.
Utilized image processing and automation concepts to minimize human error.
Tech Stack: Python, OpenCV, VS Code

2. Online Exam Website System
Designed a secure, real-time online examination system with student and admin panels.
Included features such as timer-based tests, automatic result generation, and data encryption.
Implemented with PHP, MySQL, HTML, CSS, and JavaScript for complete backend and frontend integration.
Tech Stack: PHP, MySQL, JavaScript, HTML5, CSS3, Flask

Certifications

Programming for Everybody (Python) – University of Michigan (Coursera, 2022)
Introduction to Back-End Development – Meta (2023)
Master Statistics & Machine Learning – Udemy (2023)
What is Data Science? – IBM (2024)

Activities & Hobbies

Ex-NCC Cadet – (Leadership & Discipline Training), College Fest Student Coordinator, Active Football & Kabaddi Player, Freelance Web Projects for Clients, Drawing