



Arkapratim Mondal

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About Me

I'm a first-year Computer Science student at the University of Manchester with experience in web development, game design, and collaborative projects. I've built a hotel management system, developed games like Coffee Addict, created a travel itinerary website, Planchester, and worked with technologies like React.js, Django, Python, and SQL. I'm eager to apply my skills to create meaningful solutions.

Projects

Hotel Management System

Developed a full-stack hotel management application using Python (Django) and MySQL.

Planchester

Built a travel itinerary website with Python, HTML, CSS, Bootstrap, and SQL, integrated with APIs for trip scheduling and preference management.

The Coffee Addict

Built a recreational game using Tkinter and implemented power-ups that enhance gameplay, offering a dynamic and engaging experience.

Education

- University of Manchester** Sep 2024 - Jun 2028
BSc. (Hons.) Computer Science with Industrial Experience
Modules: First Yr Team Project (**HTML, CSS, JavaScript, Git, SQL, PHP**), Intro to Programming (**Python, Java**), Computer Engineering (Verilog), Computer Architecture (**RISC-V**)
- Amity International School Sec-46** Mar 2011 - Mar 2024
High School Diploma
Graduated with First Class Honors (94%+ in Maths, Physics, Computer Science)

Experience

- Programming Lead** Sep 2024 - Present
Manchester CanSat Project
Led the development and integration of software for a miniaturized satellite (CanSat), ensuring efficient communication, data collection, and control systems.
- Lead Events Officer** Sep 2024 - Present
Google Developers Group, UoM
Organized and managed 10+ engaging tech-focused events for a diverse community of over 200 members, including workshops, hackathons, and social gatherings.
- Database Administrator & Systems Lead** Jan 2020 - Sept 2022
Brahma Kumaris
Pioneered the transition of an analog database to a digital system, managing and updating over 1,000+ records, and implementing optimizations that improved system performance by 30%.
- Volunteer Teacher** Mar 2022 - Mar 2023
Amitasha Program
Taught underprivileged girls how to read, write and do basic arithmetics, supporting their education and personal growth.

Leadership & Awards

Social Media Assistant

Brahma Kumaris

Helped curate content across platforms, boosting engagement by 40% and increasing followers by 25%.

3rd Place Prize, Vidyarthi Vigyan Manthan

India

Placed 3rd out of over 1000 students in India's biggest science competition.

Commitee Member, Tech Syndicate Club

Amity International School

Planned and conducted 5+ technology workshops, competitions, and team projects for the school's largest tech club with 300+ students.