# Sakib Imamul Hoque

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## PERSONAL PROFILE

As a final-year BSc Computer Science student at City University, I am passionate about web development and creating responsive, user-friendly applications. Recently, I have also begun exploring artificial intelligence and its potential in modern technology. My goal is to combine these interests to design impactful applications and solve challenging problems, building a strong foundation for a successful career in software engineering.

## EDUCATION

**City, University of London** London
*BSc (Hons) Computer Science* *Graduation Date: May 2026*
*Year 2 average mark: 77.6%*

**Brampton Manor Academy** London
*A-level subjects: Mathematics (A*), Further Mathematics (A), Physics (A)* *Graduation Date: Jun 2023*

## WORK EXPERIENCE

**Imperial College London** London
*Software & Robotics Intern* *Jun 2025 - Aug 2025*
- Programmed a dynamic HRI system with **11 unique gestures and 13 conversational triggers** using **Python**, **mistyPy** package for Misty robot functionality, **Google text-to-speech** to detect player speech and **OpenAI** for audio generation.
- Achieved **100% bug-free execution** for my project by refactoring and optimising the entire Python codebase.
- Led participant recruitment, **securing 17 sign-ups** for the research study through a targeted poster campaign.
- Established and managed the project's Git repository, streamlining team collaboration and ensuring code integrity.

**Private tutor** London
*Secondary and A-level tutor* *Sep 2023 - Feb 2024*
- Delivered A-level mathematics lessons to **3** Year 13 students.
- Provided tutoring for **2** Year 7 students in foundational subjects.
- Tailored teaching methods to suit diverse learning styles.
- Demonstrated ability to improve academic performance and boost student confidence.

## PROJECT EXPERIENCE

**Fitness Progress Tracker App** London
*software developer* *Sep 2025 - Present*
- **Developing** A **Full-Stack** web Application that lets the user store and view their gym/fitness progress.
- I am using the **MERN tech stack** for this project. ReactJS for the Frontend and UI, Express.js as the backend framework, Node.js to execute server-side JavaScript code and MongoDB as the database to store data of exercises.
- **Technologies:** ReactJS, Express.js, Node.js, MongonDB

**Group Project App** London
*software developer* *Jan 2025 - Apr 2025*
- **Collaborated** in a team of 6 to develop a desktop-based event booking application
- **Developed** an interactive calendar that allows users to browse events by year, month, and day.
- **Integrated** MySQL queries to dynamically fetch and display event details on the selected date.
- **Technologies/Skills**: Java Swing, MySQL, GitHub Copilot, teamwork, and time management.

**Movie Review App** London
*application developer* *Aug 2024 - Sep 2024*
- **Developed** a movie app that fetches data from TMDb API, displaying 20 movie posters, titles, and details.
- **Implemented** key features: search functionality, pagination, dark/light mode toggle, and movie sorting.
- **Built** a review system and favourites list with persistence using local storage.
- **Technologies/Skills**: React, Axios, Router, Local Storage, API integration.

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, ReactJS, MySQL, MongoDB

**Tools:** Git, VS Code, JetBrains IDE, Github Copilot, canva