

Nauman Patel

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TECHNICAL SKILLS

Languages: Python (Proficient), Java (Intermediate), JavaScript, HTML, CSS

Frameworks: Flask

Databases & Tools: MySQL, Git, GitHub, VS Code

AI/ML Libraries: TensorFlow, PyTorch, scikit-learn, Pandas, NumPy, Matplotlib

CS Concepts: Data Structures & Algorithms, Object-Oriented Programming, API Integration, Databases, Machine Learning, Neural Networks, Natural Language Processing

PROJECTS

PokeVerse pokeverse.website

Interactive Pokémon Guide

Flask, Python, JavaScript, CSS, PokeAPI

- Designed and deployed a dynamic, responsive web application providing data for over 10,000 Pokémon using PokeAPI.
- Implemented a card-based UI with real-time search and interactive animations to maximise engagement.
- Integrated a chatbot for intelligent query handling, enhancing user interaction and learning experience.
- Optimised backend API calls for rapid response times and smooth navigation across devices.

AIInvest

Investment Education Platform

Java, MySQL, API, HTML, CSS, JavaScript

- Developed a comprehensive investment-learning platform featuring real-time market simulation and visualisations.
- Integrated IBM Watson AI chatbot to offer automated assistance, reducing manual support requirements.
- Built personalised dashboards to track user learning progress and portfolio performance.
- Secured and optimised user authentication and data storage with MySQL, ensuring data integrity and scalability.

Portfolio Website naumanpatel.live

Personal Portfolio

HTML, CSS, JavaScript, Flask, Python

- Engineered and deployed a professional, responsive portfolio website to showcase projects, skills, and experience.
- Crafted a clean, mobile-first design with smooth navigation and performance optimisations.
- Leveraged Flask for dynamic routing and efficient data handling, ensuring seamless cross-device compatibility.

EXPERIENCE

Teaching Assistant & Tutor

University of Leicester & Vidya Learning

Leicester, UK

April 2025 – Present

- Guided over 120 students in Computer Science and Mathematics through structured tutoring, debugging, and personalised learning sessions.
- Prepared lab tutorials and resources, clarified advanced concepts such as CPU architecture and memory systems.
- Delivered tailored lesson plans addressing individual weaknesses, resulting in measurable improvement in student performance.

Administrator

Avita Legal

Manchester, UK

July 2025 – Sept 2025

- Maintained high accuracy in managing over 100 client files and legal documents within the case management system.
- Compiled detailed reports to support decision-making by senior staff.
- Enhanced communication skills through frequent client, lender, and solicitor interactions.

Treasurer

LeicesterCS Society

Leicester, UK

June 2025 – Present

- Managed a £3,000+ budget, funding hackathons and workshops benefiting over 100 students.
- Collaborated to organise successful tech events, demonstrating leadership and teamwork.
- Introduced improved financial tracking methods, reducing costs by 15%.

EDUCATION

University of Leicester

Expected Graduation: July 2027

BSc Computer Science, Leicester, UK

- Achieved a First Class in Year 1.
- Relevant Coursework: Algorithms, Databases, Software Engineering, Discrete Mathematics, Machine Learning (Expected), Artificial Intelligence (Expected), Data Mining (Expected).