Mya Dhaliwal

Aspiring Software Developer

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https://github.com/MyaCodes1

PERSONAL SUMMARY

Final-year Computer Science student seeking a graduate role in software engineering. Currently applying python and machine learning techniques in a healthcare-focused AI project, while independently developing skills in software development and data-driven problem solving. I enjoy working through technical challenges, understanding how systems behave in real-life conditions and learning new technical skills when required. Motivated by engineering roles where reliability and clean implementation matter, and eager to contribute to building impactful, data driven solutions within a collaborative team.

EDUCATION AND ACHIEVEMENTS

Manchester Metropolitan University, BSc in Computer Science (Sep 2023- Jul 2026)

Relevant modules (First-class): Web development, Databases, Networks, Software development, Team project, Mathematics, Ethical hacking, Industry and community engagement

- **Artificial Intelligence (In Progress, 2025–26)** — developing Python-based machine learning models to support pneumonia detection using real-world healthcare datasets.

Amazon future Engineer Scholar: One of five students awarded for academic excellence, potential in engineering and commitment to addressing underrepresentation of women in Tech.

Member, Rewriting the Code Society: engaged in supporting women in technology through networking and career development resources.

WORK EXPERIENCE

Sales Assistant | Urban Outfitters (Mar 2024 – Jul 2024)

- Maintained organisation and attention to detail during stock management and fitting room operations.
- Collaborated with co-workers to ensure a smooth and efficient customer experience
- Developed effective communication and time management skills by responding to customer needs to resolve queries effectively.

Homework Club Volunteer | Moss Side Powerhouse Library (Jan 2024 – Mar 2024)

- Provided one to one academic support to students, tailoring methods to individual learning needs
- Strengthened analytical and communication skills through problem-solving and mentoring

Volunteer Youth Worker | SEND Youth Clubs, Kingfisher and New Parks (Jul 2018 – Mar 2022)

- Planned and led tailored sessions for young people with SEND, using feedback to adapt and improve activities.
- Developed creativity and collaboration skills through inclusive program mentoring

PROJECTS

Personal Portfolio | (Ongoing)

- Built and deployed a portfolio website to showcase my projects and skills, using HTML and CSS.
- Continuing to develop and expand it as I learn new technologies

Bookshop Web Application | 2023

- Designed and developed a responsive e-commerce website using HTML, CSS and JavaScript
- Implemented JavaScript-based form validation and RESTful simulation to enhance interactivity

Network Project | 2024

- Designed and simulated a company's scalable network across two locations using CISCO Packet Tracer

- Configured SSH authentication and RIP routing to improve networks security and connectivity

Speech Therapy Practice App for Children | Upcoming (Spring 2026)
- Designing a mobile app to support children with speech disorders through gamified activities
- Additional progress-tracking dashboard for guardians, teachers, and therapists to monitor progress.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript (beginner), Java (developing), Python (developing), SQL
Tools: Git, GitHub, CISCO Packet Tracer, Visual Studio Code, Figma (developing)
Soft skills: collaboration, adaptability, analytical thinking, problem-solving, clear communication

INTERESTS

Hiking, reading, learning new languages, learning about finances and personal fitness.