

# Nashita (Nash) Anuwar

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## Education

**Bachelor of Science (majoring in Computer Science)**

Aug 2021 – June 2026

**The University of Melbourne**

- Core subjects: Algorithms and Data Structures, Information Security, Machine Learning, Software Modelling and Design

**Prince Edward Island High School Diploma**

Jan 2019 – Jun 2021

**Canadian International School Tokyo, Japan**

- Cum Laude 2020-2021

## Professional Experience

**Research Software Engineer**

Nov 2025 – Present

**Walter-Eliza Hall Institute of Medical Research**

- Implementing authentication flows using **Auth0 (OIDC)** with **JWT (JSON Web Token)**-based control for a data registry
- Built and integrating full-stack features using **React (frontend)**, **Fast API & Python (backend)**, and **PostgreSQL (database)**
- Containerizing and deploying the application using Docker to streamline launch workflows for a demo environment

**Technology Consulting & Data Intern**

Jan 2025 – Feb 2025

**Ernst & Young (EY)**

- Contributed to large-scale system transition by extracting, validating, and recording critical business and transactional data from **Oracle & Finastra Databases**, supporting smooth end-to-end testing and successful User Acceptance Testing outcomes
- Accelerated logging time by automating weekly migration cycle tracking of **Orchestra Database**-sourced datasets, improving process consistency and reducing manual overhead
- Strengthened data validation post-migration by researching best-practice strategies for the client to implement, aligning with firm-wide EY case studies

## Technology Skills

- Languages:** Java, Python, JavaScript, CSS, HTML, C, SQL, MATLAB
- Tools and technologies:** React.js, Next.js, Fast API, Auth0, PostgreSQL, MongoDB, MySQL, AWS, Docker, Firebase, Git, VS Code, IntelliJ, Junit, Bash, Figma, WordPress, Squarespace, Canva, Shopify Liquid
- Certifications:** AWS Cloud Practitioner Essentials

## Leadership

**President**

Sep 2024 – Sep 2025

**Women In Technology**

- Leading a **40-member** team, achieved **90% average turnout** across six large events in two semesters by enhancing operational workflows and team coordination
- Strengthened club presence, growing social media **followers by 25.5%**, surpassing **1k followers**, reaching **630 active members** mid-year, with projections of **800 members annually**
- Drove upskilling and engagement by **reviving tech workshops** (APIs, dev setups, tech interviews) and launching an education **Substack newsletter**, driving consistent click-throughs and readership

**IT Director (Web Master)**

Sep 2023 – Sep 2024

**Women In Technology**

- Delivered a custom **WordPress** platform, enabling hosted email for 8+ committees and improving member access through a modern **Humanitix** API-integrated front-end

## Projects

**Personal Portfolio Website**

Jan 2026

- Built a macOS-style interactive portfolio from scratch using **React**, **GSAP**, and **Tailwind CSS**, featuring a custom Dock, draggable windows and smooth animations
- Implemented scalable frontend architecture with **Zustand** for global state, **Higher-Order Components** for window logic, and integrations using **react-pdf**, **lucide-react**, and **clsx**

**TERRAIN – Backend Developer**

Aug 2025 – Nov 2025

- Assisted an industry client on a **Shopify** e-commerce project, working with **Agile** as both a developer and QA; implemented and tested **Liquid**, **JavaScript**, and **Storefront API** features across collections, pagination, search, filtering, and tagging with clear documentation and best-practice code structure