

Akshita Raina

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EDUCATION

Swinburne University of Technology

Bachelor of Information and communication technology

Melbourne, VIC

Graduation Date: Jul 2027

WORK EXPERIENCE

Hesh Media

Web Developer

Amritsar, India

Jan 2023 - Jun 2023

- **Developed** dynamic, responsive web applications using **HTML/CSS** and **JavaScript** in front-end, improving client UI responsiveness and reducing average load time by **30%**.
- **Developed** dynamic, responsive web applications using **PHP** and **MYSQL** in back-end improving client UI responsiveness and reducing average load time by **30%**.
- **Collaborated** with design and marketing teams to deliver **SEO-friendly, user-centric websites**, increasing organic traffic and customer engagement by **20%**.

PROJECT EXPERIENCE

Swinburne University of Technology

Cloud-Deployed Dynamic Web Application

Melbourne, VIC

Oct 2025 - Oct 2025

- **Built** and deployed a full-stack web app on **AWS**, achieving **99.5% uptime** and sub-2-second response for **200+ users**.
- **Automated** backend tasks with **Python Lambda**, cutting compute load by **35%** and improving scalability.
- **Secured** data with **IAM roles** and **PHP prepared statements**, preventing SQL injection and strengthening system integrity.

Enterprise Role-Based Access Control System

Apr 2025 - Apr 2025

- Implemented an enterprise RBAC framework for over 100 users in eight departments using Azure AD and 12 bespoke roles. This framework reduced unauthorized access attempts by 90% and ensured security best practices.
- Developed PowerShell scripts for Azure Logic Apps to automate user lifecycle management, reducing provisioning time from 3 hours to 15 minutes and eliminating 95% of human configuration errors.

LEADERSHIP EXPERIENCE

Swinburne University of Technology

Cyber Incident Response Platform Prototype

Melbourne, VIC

2025 - May 2025

- **Led** a cross-disciplinary team of five to design a **Figma-based cybersecurity incident response prototype** aligned with the **Australian Signals Directorate guidelines**.
- **Coordinated** project workflows including **user personas**, **UI accessibility design**, and **incident reporting forms**, ensuring timely and high-quality deliverables.
- **Delivered** an interactive **Director-General dashboard** and **cyber incident management interface**, showcasing the agency's **readiness to respond to security threats**.

SKILLS AND INTERESTS

Skills: • HTML, CSS, JavaScript, PHP, React.js, Python, MySQL, AWS (EC2, S3, Lambda, IAM), Azure, GitHub Actions, Figma, Git, Leadership, Communication

Interests: • Cloud Computing, Networking, Hiking.