

Paarangat Jain

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EDUCATION

Monash University

Bachelor of Computer Science (Mathematics Minor), WAM: 73.84, GPA: 3.063

Clayton, VIC

Jan. 2024 – June 2027

Viewbank College

Victorian Certificate of Education (VCE), ATAR: 90.15

Rosanna, VIC

Jan. 2019 – Dec. 2023

EXPERIENCE

Full-Stack Engineering Intern

PlasmIT Healthcare IT Vector

Jun. 2026 – Present

Docklands, VIC · Remote

- Assisting in the design and development of full-stack software applications across frontend, backend, and database components
- Collaborating with the team to implement, test, and document software solutions while following software engineering best practices
- Gaining hands-on experience with modern development frameworks, tools, and the complete software development lifecycle

Outreach Officer

Monash Assistive Technology Team (MATT)

Mar. 2026 – Present

Clayton, VIC

- Engage with schools supporting students with disabilities to build partnerships to support technology-driven empowerment
- Communicate the organisation's mission and coordinate collaborative initiatives such as workshops and programs
- Develop and maintain relationships with stakeholders to support ongoing outreach and improve impact

Volunteer – Website Support & Management

Ocean Connect

Mar. 2026 – Present

Remote

- Support management and maintenance of Ocean Connect's website to ensure program, event, and initiative information remains accurate and accessible
- Update and organise website content to improve navigation, clarity, and usability for volunteers and community members
- Assist in strengthening the organisation's digital presence to better communicate marine conservation initiatives and community programs

Operations Officer

Monash Assistive Technology Team (MATT)

Feb. 2026 – Present

Clayton, VIC

- Assist in the technical operations of the Monash Assistive Technology Team, supporting delivery of accessibility-focused projects
- Collaborate with peers to ensure smooth execution of technical initiatives and internal processes
- Contribute to the effective functioning of the organisation by supporting coordination, communication, and operational workflows

Project Coordinator

Monash Assistive Technology Team (MATT)

Aug. 2025 – Present

Clayton, VIC

- Lead collaboration with academic supervisor to define project goals and strategies for developing low-cost tactile and refreshable braille displays
- Guide and coordinate team of project officers in brainstorming and innovation for accessibility technology
- Conduct user interviews and design surveys to gather insights for user-centred development
- Lead development of React Native mobile application to support the Tactile Display project
- Received 90%+ positive reviews from team members for effective leadership and communication

Projects Officer

Monash Assistive Technology Team (MATT)

Mar. 2025 – Aug. 2025

Clayton, VIC

- Collaborated with academic supervisor and fellow officers to brainstorm accessibility solutions
- Assisted in design, development, and testing of tactile display components for blind and low-vision users

PROJECTS

- Personal Portfolio Website** | *Web Development, VPS* | p-jain.dev Jan. 2025 – Present
- Developed and maintain portfolio website showcasing projects and technical skills
 - Deployed on Virtual Private Server (VPS) with custom domain configuration
- Skill-Issue (Skilliton)** | *Next.js, TypeScript, Firebase, Genkit, Gemini, Tailwind CSS* Feb. 2026
- Built AI-powered peer-to-peer skill exchange platform at UniHack 2026 enabling university students to find partners for skill swaps
 - Developed full-stack web application using Next.js, TypeScript, and Firebase Authentication with Google OAuth support
 - Integrated AI assistant “Skilliton” using Google Genkit and Gemini to provide personalised skill recommendations and real-time chat
 - Implemented booking system generating Google Meet links via API and downloadable `.ics` calendar events for scheduled sessions
- Tactile Display Project** | *React Native, Hardware* Mar. 2025 – Present
- Contributed to open-source project developing low-cost refreshable braille displays (MagnePins) for blind and low-vision users
 - Developed React Native mobile application to interact with the tactile display hardware
 - Utilised Figma to develop mock prototypes and create an accessible companion website
- Braille Character Quiz Game** | *React, TypeScript, RxJS* May 2025 – Present
- Developed an interactive web-based game for learning and practising Braille characters
 - Implemented real-time feedback, scoring system, and streak tracking utilising RxJS for reactive state management
 - Designed a modern, responsive, and accessible interface with timed challenges and custom animations
- Pomodoro Timer App** | *React Native, Expo, TypeScript* Dec. 2025 – Present
- Developed full-featured iOS productivity application with unique liquid animation timer using an Expo routing system
 - Integrated glassmorphism UI design with ambient sound playback, haptic feedback, and multi-theme support
 - Designed modular component architecture with file-based routing (Expo Router) and persistent storage
- Appointment Booking System** | *Next.js, React, TypeScript, MongoDB, Tailwind CSS* 2023 – 2026
- Modern rewrite of VCE Software Development Project, migrated from PHP/MySQL to a Next.js and MongoDB stack
 - Implements full CRUD operations with server-side validation and double-booking conflict prevention
 - Features an admin dashboard for managing appointments, doctor profiles, and clinic settings; includes automated `.ics` calendar file generation

TECHNICAL SKILLS

Languages: Haskell, Python, JavaScript, PHP, MySQL, R, TypeScript, HTML/CSS

Operating Systems: Linux (Manjaro), macOS, Windows

Technologies: React Native, React, Next.js, Expo, Docker, Git, Arduino, MongoDB, Figma, VPS Deployment, Functional Programming, Statistical Analysis

CERTIFICATIONS

Deloitte Australia Technology Job Simulation (2025)

Google Technical Support Fundamentals Certificate (Grade: 98.35%)

AWS Generative AI Applications