

Paarangat Jain

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EDUCATION

Monash University

Bachelor of Computer Science (Mathematics Minor), WAM: 73.8, 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

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-centered 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

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

Personal Portfolio Website | *Web Development, VPS* | p-jain.dev | [GitHub](https://github.com)

Jan. 2025 – Present

- Developed and maintain portfolio website at www.p-jain.dev showcasing projects and technical skills
- Deployed on Virtual Private Server (VPS) with custom domain configuration

Braille Character Quiz Game | *React, TypeScript, RxJS* | [GitHub Pages](https://github.com)

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* | [GitHub](https://github.com)

Dec 2025 - Present

- Developed full-featured iOS productivity application with unique liquid animation timer using React Native and Expo SDK 54
- Integrated glassmorphism UI design with expo-blur, ambient sound playback, haptic feedback, and multi-theme support
- Designed modular component architecture with file-based routing (Expo Router) and persistent storage using AsyncStorage

Appointment Booking System | *Next.js, React, TypeScript, MongoDB, Tailwind CSS* | [GitHub](#) 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 for client bookings

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%)

FreeCodeCamp Responsive Web Design Certification