

Paarangat Jain

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EDUCATION

Monash University

Bachelor of Computer Science (Statistics Major), WAM: 73.8

Clayton, VIC

Jan. 2024 – Dec. 2026

Viewbank College

Victorian Certificate of Education (VCE), ATAR: 90.15

Rosanna, VIC

Jan. 2019 – Dec. 2023

EXPERIENCE

Tactile Display 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

Tactile Display Project 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

Private Mathematics Tutor

Self-Employed

Nov. 2024 – March. 2025

Wantirna South, VIC

- Delivered customized Year 7–10 mathematics lessons, adapting content to individual student learning styles
- Managed scheduling and planning of tutoring sessions, strengthening my skills in leadership, time management, and communication.
- Provided ongoing academic support, fostering student confidence and helping them achieve their personal learning goals.

PROJECTS

Personal Portfolio Website | Web Development, VPS

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

Tactile Display Project | React Native, Assistive Technology

Mar. 2025 – Present

- Contributed to open-source assistive technology project developing low-cost refreshable braille displays
- Developed React Native application that allows user to interact with Tactile Display
- Utilised Figma to develop mock prototypes of my application to create an accessible website.

Pomodoro Timer App | React Native, Expo, TypeScript | GitHub

2025

- 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 (Light/Dark/System)
- Designed modular component architecture with file-based routing (Expo Router) and persistent storage using AsyncStorage

Emergency Evacuation System Prototype | Arduino, Embedded Systems

2023

- Utilised programming knowledge and Physics to drive an Arduino-based emergency evacuation system with sensors and automated alert mechanisms

TECHNICAL SKILLS

Languages: Haskell, Python, JavaScript, PHP, MySQL, R, TypeScript, PHP

Operating Systems: Linux (Manjaro), macOS, Windows

Technologies: React Native, React, Docker, Git, Arduino, MongoDB, VPS Deployment, Functional Programming, Statistical Analysis

CERTIFICATIONS

Deloitte Australia Technology Job Simulation (2025)

Google Technical Support Certificate