SWAPNIL BARUA

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PROFESSIONAL SUMMARY

Third-year Information Technology student at Macquarie University majoring in Software Technology. A Frontend-focused developer with a strong eye for UI/UX design and experience building interactive web applications. Proven ability to balance technical studies with consistent part-time employment and freelance creative work.

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, HTML5, CSS3, Java, C.
Frontend:	Next.js (App Router), React, React Native (Expo), TailwindCSS, Framer Motion.
Design:	Figma, UI/UX Prototyping, Responsive Design, Adobe Lightroom/Photoshop.
Tools:	Git, GitHub, Vercel, Cloudinary, VS Code.

TECHNICAL PROJECTS

SopraSpec AI Chatbot | Frontend Developer (PACE Industry Project) 2025

- Collaborated in a six-person team to build an enterprise-grade chatbot interface for a global construction materials manufacturer.
- Developed the **Frontend Chat UI** using **Next.js and TailwindCSS**, focusing on clean user interaction and responsive layouts.
- Integrated API endpoints to display documentation and project references retrieved by the backend system.

Health & Productivity Mobile App | Personal Project (In Development) 2024 – Present

- Designing and building a cross-platform habit tracker using **React Native and Expo**.
- Implementing interactive UI elements, including animated progress rings and persistent focus timers.
- Utilizing **Zustand** for lightweight state management and focusing on a "mobile-first" user experience.

Interactive Web Portfolios (Swaap-v1 & Swaap-v2) 2024 – Present

- Created a vanilla JS portfolio featuring a custom "camera dial" navigation and masonry gallery layouts.
- Developed a second-generation portfolio using **Next.js 14** to showcase both photography and coding projects, utilizing **Framer Motion** for high-end cinematic transitions.

WORK EXPERIENCE

Customer Service / Team Member 2025 – Present

Coles Supermarkets, Sydney NSW

- Maintain high levels of efficiency and accuracy in a fast-paced retail environment.
- Demonstrate strong communication skills and reliability while balancing work with full-time university studies.
- Collaborate with team members to ensure operational standards and customer satisfaction are met.

Casual Photographer 2024 – Present

Macquarie University SRC, Sydney NSW

- Provide professional photography services for university events and student publications.
- Manage the full digital workflow, from live shooting to post-processing and client delivery.

EDUCATION

Bachelor of Information Technology (Software Technology) 2023 – Present

Macquarie University, Sydney NSW

Higher School Certificate (HSC) 2022

BAF Shaheen College, Chittagong, Bangladesh