ARJUN AVTANI

Software Engineering Intern

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OBJECTIVE

Engineering-honours student (Data Science major, Innovation & Entrepreneurship minor) who turns ideas into shipped products. Adept at full-stack development, QA automation and data-driven research, I thrive on using code to solve real-world problems at startup speed.

EXPERIENCE

Intraverse Technologies — *Founder & Full-Stack Developer*

React, Next.js, Tailwind, Supabase, ShadCN UI | **Jan 2024 – Present**

- **Built & shipped 10+ production sites** (SaaS dashboards, AI agents, landing pages) in <2 weeks each, meeting 100 % of client deadlines.
- **Owned full delivery pipeline**—requirements → Figma designs → code → Vercel deploy—cutting typical agency turnaround by **60 %**.
- **Closed projects worth ₹3 L+** to date through cold outreach, LinkedIn DMs, and referral incentives, proving a repeatable acquisition funnel.

UniSlay — *Co-Founder*

React, Supabase, Data Scrapers | **Aug 2024 – Present**

- Launched a peer-to-peer advisory platform now used by **500 + students** across **30 + universities**.
- Implemented real-time booking & authentication stack that handles **100 %** of sessions without manual intervention.
- Drove early go-to-market strategy, converting first paid users within 21 days of MVP release.

Social Slaughter — *Founder & Web Developer*

HTML5, CSS3, JavaScript │ **Aug 2021 – Present**

- Self-taught project to master web dev; rolled out three responsive redesigns, each improving Lighthouse performance by **30 + points**.
- **Raised AUD $20 000** for disability charities via site-hosted donation drives and partner campaigns.

Red Dot Innovative — *QA Intern*

Selenium, Python │ **Jun 2024 – Jul 2024**

- Expanded automated test suite coverage by **30 %**, cutting manual regression time **40 %**.
- Detected & logged **50 + defects**; fixes drove a **20 %** drop in critical production bugs quarter-on-quarter.
- Generated weekly analytics reports adopted by the PMO for release go/no-go decisions.

Sydney University Data & Analytics Society — *Tech Sub-committee*

SQL, Flask, JS │ **May 2024 – Present**

- Maintain schema & codebase for society portal (600 + monthly users); uptime > 99.9 %.
- Cleared **2 competitive technical interviews** to secure role; now mentor new committee recruits.

Sydney Precision Data Science Centre — *Junior Researcher*

Python, Scikit-learn, Pandas, CNN (in-progress) │ **Aug 2024 – Present**

- Built baseline ML models correlating extreme heat with heart-failure admissions; presented findings to a 12-member cross-faculty panel.
- Prototyping CNN pipeline for imaging data; early tests show **15 %** accuracy lift over traditional features.

Enactus USYD — *Software Developer (R&D)* │ **Aug 2024 – Present**

- Designing a financial-literacy web app expected to reach **5 000 + students** in pilot rollout.
- Conducted user interviews that identified three UX blockers and informed a new onboarding flow.

Commonwealth Bank — *Brand Ambassador* | **Mar 2024**

- Front-line rep at campus events; initiatives boosted sign-ups and improved customer retention by **50 %** over prior activations.

EDUCATION

University of Sydney — Bachelor of Engineering (Honours)

Major — Data Science | Minor — Innovation & Entrepreneurship | **2023 – Present**

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, SQL, HTML5, CSS3
- **Frameworks:** React, Next.js, Flask, Supabase, Tailwind, ShadCN UI
- **QA & Testing:** Selenium, PyTest, coverage analytics
- **Data Science:** Scikit-learn, Pandas, basic CNNs, data visualisation
- **Dev Ops:** Git, GitHub Actions, Vercel, Netlify
- **Databases:** PostgreSQL/SQL, schema design, Supabase RLS

SELECT SOFT SKILLS

- **Leadership:** Founded 2 ventures; manage cross-functional teams of up to 6.
- **Communication:** Client demos, investor pitches, technical documentation.
- **Problem-Solving:** Debugging complex prod issues; optimizing build pipelines.
- **Adaptability:** Rapidly learn frameworks and ship features in sprint cycles.
- **Entrepreneurship:** Proven record turning concepts into revenue-generating products.

References available on request.