Abyan Majid

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🌐 Website | ⌂ GitHub | 🔗 LinkedIn

EDUCATION

- **University of Sydney**   July 2023 - June 2026

  Bachelor of Computing; **Grade: 85/100 (High Distinction)**

  Major in Software Development, Minor in Computational Data Science

  Awards: CS High Honour Roll, Dalyell Scholar

EXPERIENCES

- **Forward Deployed Engineer**

  Lyra — Oct 2025 to Present, 6 months

  Shipped products for generational companies backed by giants like a16z, YC, Accel, etc. Skipped internship & training period after achieving one of our fastest client deployments ever.

- **Software Engineer**

  Faction — Dec 2025 to Mar 2026, 4 months

  Built the leading AI partner for distributors and manufacturers. Worked on ERP integration including SAP & Eclipse, voice agents, algorithm optimization, Snowflake data engineering, web scraping, and led client demos.

- **Software Engineer**

  Jooba (a16z) — Oct 2025 to Dec 2025, 3 months

  Built autonomous recruiting. Led developments on the core in-house autonomous outreach, external outreach APIs for Email and LinkedIn, and the candidate search pipeline.

- **Software Engineer Intern**

  Job Search Works — Aug 2025 to Aug 2025, 1 month

  Built job-applying agent. Worked on the autofill pipeline and admin dashboard.

> Other experiences ⓘ
> - Attempted to **start a consulting agency** (Sep to Oct 2025) with C-level champions at Tonkin Engineering, before recruited as top talent by Lyra.
> - **Freelanced** (Jun to Jul 2025) building RAG and n8n solutions for Indonesian SMEs.

PROJECTS

- **PPI Australia Official Website (Deployment)**

  Built the national Indonesian students organisation website as Director of IT, leading 15 students and owning most of the codebase and infra/ops — auth (credentials + OTP), CMS with Rich Text Editor, and i18n. Serves 80–160+ members across Australian universities.

- **Matcha: A Schema-First REST Framework (Documentation)**

  Built a schema-first REST framework for Golang inspired by Hono + Zod, filling a gap in the Go ecosystem. Developers define OpenAPI specs in pure Go, auto-generating docs powering a Scalar API reference.

Other Projects: SYNCS Bot Battle 2024 (Industry-sponsored SYNCS Bot Competition), RecallRacer (Gamified, multiplayer active recall), Canute (Quiz-maker), Hyte (Rust hypothesis testing) V (Golang schema validation)

SKILLS

- **Software Engineering:** TypeScript, Python, Golang, .NET, React/Next.js, GraphQL, gRPC, PostgreSQL, Docker, AWS/GCP
- **Generative AI:** Claude Code/Codex, RAG, MCP, LoRA, n8n, Voice Agents, Agents (AI SDK), LLM-Ops, Evals

VOLUNTEERING

- Director of IT at PPI Australia 2024-2025
- Development Committee at Sydney Computing Society (SYNCS) 2024-2025
- Development Committee at Sydney Uni Cybersecurity Society (SUCSS) 2024-2025