

# Thanh Nguyen

+61 492 819 785 | [lethanh300504@gmail.com](mailto:lethanh300504@gmail.com) | [linkedin.com/in/thanh-nguyen-64b9a11a3](https://www.linkedin.com/in/thanh-nguyen-64b9a11a3) | [github.com/thanhnguyen123-dev](https://github.com/thanhnguyen123-dev)

## EDUCATION

### Australian National University

Canberra, ACT

Bachelor of Information Technology - **GPA: 6.5/7.0**

Expected Graduation - Nov 2025

- Personal website: [thanh-web-portfolio.vercel.app](https://thanh-web-portfolio.vercel.app)

## EXPERIENCE

### Software Engineer Intern

Feb. 2025 – Mar. 2025

Lyra Technologies

Sydney, NSW

- Built a **Chrome Extension** using **Next.js**, **TypeScript** and **Drizzle ORM** to scrape and store web data, improving data retrieval efficiency by **50%**
- Leveraged **AWS S3** for scalable storage, enabling robust and efficient retrieval for high-volume data
- Utilized **tRPC**, **Google Cloud Platform**, and **Gmail API** to deploy a robust backend system, reducing Gmail syncing process runtime by **35%**

### Software Developer

Feb. 2025 – Present

Pookie

Canberra, ACT

- Develop a full-stack career seeker platforms using **Next.js**, **React**, **Firebase** and **TailwindCSS**
- Construct reusable UI components using **React** and **shadcn** with Next.js **SSR** to enhance **SEO** score

### Software Engineer Intern

Nov. 2024 – Jan. 2025

FPT Software (\$6.4B valuation)

Hanoi, Vietnam

- Engineered a **microservices-based** MVC architecture using **Spring Boot** with robust authentication and authorization using **Spring Security** and **JWT Authentication**
- Constructed **RESTful API** endpoints using **Spring Boot** and **Spring Data JPA**, reducing responses time by **25%**
- Integrated **Liquibase** with **PostgreSQL** to streamline data migrations, reducing schema construction time by **30%**

### Undergraduate Researcher

May. 2024 – Sep. 2024

Australian National University

Canberra, ACT

- Optimized data scraping process by utilizing **Scrapy**, increasing data extraction speed by **30%**
- Developed a radar chart - data visualization tool using **Pandas**, **Numpy**, and **Matplotlib**

### Software Engineer Intern

Nov. 2023 – Jan. 2024

Mobifone

Hanoi, Vietnam

- Engineered **RESTful API** endpoints using **Spring Boot**, improving system reliability by **55%**
- Formulated **MySQL** queries to handle data manipulation using **Spring JDBC** and **Spring Data JPA**, reducing data retrieval time by **40%**

## PROJECTS

### RateMyANU | *Next.js, React, Node.js, tRPC, TypeScript, Supabase, Prisma, PostgreSQL*

- Developed a full-stack social application for ANU students to browse nearly **3000** courses at ANU and give reviews
- Utilized **TanStack Query** and **TanStack Virtual** for infinite scrolling UI behaviour to reduce latency by **1s**

### Airtable Clone | *Next.js, React, Node.js, tRPC, TypeScript, Prisma, PostgreSQL, NextAuth.js*

- Engineered a full-stack database platform using **Next.js**, utilizing **TanStack Library** to handle **15,000+** records with infinite scrolling mechanism
- Established **20+** API endpoints using **tRPC** to build a robust backend system, integrating filter, sort, and search engine

### Portfolio Website | *React, Vite, TailwindCSS, shadcn*

- Developed a portfolio website using React and TailwindCSS

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, Python, HTML/CSS, C, PostgreSQL

**Libraries/Frameworks:** Next.js, React, Node.js, tRPC, Spring Boot, TailwindCSS, Flask, Supabase, Firebase

**Tools:** AWS, Google Cloud Platform, Git, Prisma ORM, Vercel, Postman API, pgAdmin, Supabase, Neon, Railway