

# Ba Hoa NGUYEN

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## PROFESSIONAL PROFILE

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Motivated Information Technology student, currently pursuing the Bachelor of Information Technology at the Adelaide University, with hands-on experience building production-grade web applications using Next.js/React, TypeScript, Tailwind CSS and AI APIs. Rapidly adapts to new technologies and frameworks, consistently delivering scalable, high-performance solutions in fast-paced development environments. Delivers user-focused solutions that improve outcomes, combining strong communication and problem-solving to translate complex requirements into clear, effective results across both technical and client-facing environments.

## SOFT SKILLS

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- Strong communication skills, with proven experience as an English tutor.
- Excellent time management, demonstrated by effectively balancing multiple tutoring sessions and academic commitments.
- Effective problem-solving, developed through tutoring and IT coursework, now applied in resolving challenges and adapting to customer needs.
- Strong adaptability and resilience, being able to learn quickly and adjust to new environment and technologies while maintaining professionalism under pressure
- Collaborative team player, with the ability to effectively work along with others to achieve shared goals.
- Bilingual communicator (English and Vietnamese)

## TECHNICAL SKILLS

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- **Frontend:** React, Next.js, TypeScript, HTML, CSS, Tailwind CSS, Framer Motion (UI/UX)
- **Backend & Data:** Next.js API routes, Prisma ORM, PostgreSQL (Neon)
- **AI & Tools:** Google Gemini API integration, PDF parsing, Git/GitHub
- **Other:** Microsoft Office, Figma (design), Bilingual (English/Vietnamese)

## EDUCATION

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**Bachelor of Information Technology** – Adelaide University, Australia **Jul 2024 – Present**

- Expected completion: **July 2027**
- **GPA:** 6.182/7

**Bachelor of Information Technology** – International University, Vietnam **Sep 2022 – Feb 2024**

- **GPA:** 2.97/4.0
- **Major:** Computer Engineering

## PROFESSIONAL EXPERIENCE

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**English Tutor** - Vietnam **Aug 2022 – Aug 2023**

### Key responsibilities

- Structured individualized lesson plans that raised average test scores by 20%.
- Consistently drove outstanding academic outcomes, enabling students to achieve top exam scores and measurable proficiency improvements.
- Adapted teaching methods for 10+ diverse learners; resolved learning challenges quickly while maintaining 100% student satisfaction.
- Managed 15+ tutoring sessions weekly through disciplined organisation.

### Achievements

- Significantly improved students' English skills, with many achieving **9 out of 10** in high school exams.
- Supported students to attain top results in the Cambridge FLYERS English proficiency test, with many scoring **4 out of 5** across all sections.

## Projects

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### ResumeScope | AI-powered Resume Analyser

Dec 2025 – March 2026

- Developed a lightweight AI-powered web application that analyses resumes and delivers instant, actionable feedback in less than 5 seconds with zero-login design.
- Built with Next.js, TypeScript, and Tailwind CSS, creating a responsive and performant user interface.
- Integrated Framer Motion to deliver smooth, modern UI interactions and enhanced user experience.
- Implemented PDF text extraction and structured data processing, enabling accurate input preparation for AI analysis.
- Integrated the Gemini API to generate context-aware insights on resume strengths, weaknesses, and optimisation strategies.
- Designed a stateless processing architecture, prioritising speed, scalability, and user privacy.
- Demonstrated strong capabilities in API integration, asynchronous workflows, and applied AI in production-style applications
- GitHub repository: <https://github.com/GabenNguyen/AI-Resume-Analyser.git>

**Tech Stack:** Next.js, TypeScript, Tailwind CSS, Framer Motion, Gemini API

### IntelliCheck | AI Quiz Generator

Nov 2025 – Jan 2026

- Developed an AI-powered quiz generation web application using Next.js, Tailwind CSS, TypeScript and Framer Motion for optimal user interface and experience.
- Integrated Google Gemini API to automatically generate multiple choice quizzes from user-provided topic.
- Secure authentication using Clerk API.
- Implemented secure server-side logic with Prisma ORM and Neon for database management and dynamic quiz storage.
- Enabled instant quiz creation, reducing content preparation time for learners by automating question generation.
- GitHub repository: <https://github.com/GabenNguyen/IntelliCheck.git>

**Tech Stack:** Next.js, Tailwind CSS, Framer Motion and Shadcn, PostgreSQL, Neon, Prisma, Google Gemini, Clerk, Git & GitHub

## AWARDS

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- Recipient of University of South Australia International Merit Scholarships.

Jul 2024 – Present