Nguyen Quang Huy Pham

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Education

Swinburne University of Technology   Hawthorn, Australia
Bachelor of computer science, Software Development. GPA: 3.65
Awards: Swinburne Emerging Leader Program - 2024, Swinburne International Excellence Undergraduate Scholarship - 2022

Phan Huy Chu - Dong Da High School   Hanoi, Vietnam
Awards: Vietnam Science and Engineering Fair - 2nd - district-level - 2021. Vietnam Science and Engineering Fair Champion, Special Award Organization in International Science and Engineering Fair - Behavioral and Social Sciences - 2022

Graduation Date: 05/2022

Experience

Lyra Technologies   Sydney, New South Wales, Australia
Internship   12/2023 – 11/2024
Project: Concept Education - Essay Marking   concepteducation.com.au/essay-marking
Concept Education is a specialist Maths & English tuition firm which offers comprehensive tutoring, from yr 7 to HSC
- Developed an automated English essay marking platform utilizing GPT-4 for accurate and efficient evaluation.
- Designed and implemented a user-friendly interface with Webflow, integrated with a robust back-end, and users management in Next.js.
- Leveraged Prisma and PostgreSQL for efficient database management and seamless data operations.
- Delivered a scalable and innovative solution that enhances the essay review process for educators and students.
- Tech stack: Webflow, Next js, Prisma ORM, Postgre DB, TRPC, Tailwind CSS, NextUI CSS framework, Schadcn CSS framework

Project: World Micromachine Summit - 2024   mms2024.com.au
The Micromachine Summit provides a Micro-Nano Technology snapshot of worldwide industrial, academic and government initiatives
- Designed and developed the front-end for the official event website using Wix.
- Created an engaging and responsive user interface to provide seamless navigation and showcase event details.
- Tech stack: Wix

Project: Delta Institute   delta institute.co
Delta Institute offered students to build the skills they'll need to get an internship during college and a job after graduating.
- Developed the front-end for the official website using Framer.
- Delivered a visually appealing and responsive interface tailored to showcase the institute's mission and offering.
- Tech stack: Framer, Next js, Postgre DB, TRPC, Tailwind CSS, NextUI CSS framework, Schadcn CSS framework

Junior Software Developer   11/2024 – Now
Project: Soma Capital   somacap.com
Soma Capital is a venture capital firm that invests in startups that use technology to improve humanity
- Built and optimized a robust news scraping pipeline to gather and process data efficiently.
- Collaborated across teams to ensure seamless integration between the front-end and back-end workflows.
- Tech stack: Next js, Prisma ORM, TRPC, Postgre DB, Tailwind CSS, Tremo CSS framework

Project: Tipriyo   tipriyo.ai

Tiprio is a product that easily generates unlimited furnished images of your home in less than a minute

- Implemented robust SEO strategies to enhance discoverability and optimize performance.
- Built and optimised the back-end infrastructure for efficient image storage using Supabase, enabling secure and scalable data handling.
- Built language translation functionality to support multiple languages
- Engineered key features, including credit deduction mechanisms and the logic for real-time image streaming from the generated image API.
- Tech stack: Next js, Prisma ORM, TRPC, Supabase DB, Tailwind CSS, Next js, Prisma ORM, Postgre DB, TRPC, Tailwind CSS, NextUI CSS framework, Schadcn CSS framework

Project: VirtualStaging.art   virtualstaging.art

Virtual staging.Art allows users to enhance and transform a vacant or poorly furnished property using computer-generated furniture

- Engineered an advanced image handling feature to streamline user uploads and processing.
- Integrated the platform with a virtual staging API for seamless and efficient property enhancements
- Designed and implemented the front-end interface to support real-time image streaming, ensuring a smooth user experience
- Tech stack: Next js, Prisma ORM, TRPC, Supabase DB, Tailwind CSS, Next js, Prisma ORM, Postgre DB, TRPC, Tailwind CSS, and other CSS framework

Project: Paraform   paraform.com

Paraform is a talent platform where startups post referral bounties for open roles and anyone can claim that by successfully referring someone.

- Integrated GPT-4 Mini for real-time data monitoring, automating error detection, and flagging potential user errors.
- Designed and implemented an internal table tool for efficient data management and user monitoring.
- Tech stack: Next js, Prisma ORM, TRPC, Postgre DB, Tailwind CSS.

Skills & Interests

Technical: Javascript, C, C++, C#, Prisma ORM, TRPC, DB management, Python, HTML, CSS, Ruby, SQL, Kotlin, Swift, PHP.

Language: Vietnamese, English

Interests: Listening to music, playing games during leisure time, exploring new technologies, and engaging in creative problem-solving.