WILLIAM PAGE

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Portfolio Site: https://williampage.dev | **GitHub:** https://github.com/willp11

PERSONAL STATEMENT

A full-stack software developer and Computer Science graduate that switched careers from teaching to software development. A hard-working, driven individual with a strong desire to learn new skills and continuously improve. Passionate about technology and loves writing high-quality code to solve complex problems. Understands the project lifecycle in depth and has worked on projects in all stages; from idea conception, through development to deployment in production. Searching for a full-time role as a software engineer, preferably in a permanent position with opportunities to learn and grow as an engineer.

CORE SKILLS

- React JS + Next.js
- JavaScript + TypeScript
- HTML/CSS
- Python
- Django
- SQL (SQLite, MySQL, PostgreSQL)
- Docker
- Git

EDUCATION

Goldsmiths, University of London   *05/2019 - 09/2022*
BSc Computer Science – First Class Honours

University of York   *2008 – 2011*
BSc Economics – 2.1

WORK EXPERIENCE

Software Engineer | Freelance   *07/2022 - Current*

Print-Thailand

- Built a print on demand platform for a new apparel printing business that is currently being set up. Awaiting a full product list with prices before making the website live (demo version can be found on my personal website, https://williampage.dev).

- I designed and implemented all features on both the back-end and front-end; using a stack of React JS/Next.js, Tailwind CSS, Django, Celery, PostgreSQL and Docker.

- Includes a product customizer tool that enables users to upload images and add text to create custom clothing designs. Uses p5.js library to draw on HTML canvas.

- Designs are automatically processed on the back-end, using Celery async task queue with Pillow image library, to create a high-resolution image ready to be printed onto clothing.

Suay Collection

- Built an e-commerce store for a jewelry business, suaycollection.com.

- Built using React JS/Next.js with Tailwind CSS for the front-end with Django, PostgreSQL and Docker for the back-end. Integrated with Stripe for processing payments.

- Improved their PageSpeed Insights performance score from 58% with their old website to 83% on mobile and 100% on desktop. 100% scores for accessibility, best-practices and SEO.

- Deployed the back-end to a Linux VPS on DigitalOcean and front-end on Vercel.

The7and8 Web Agency

- A part time position, helping with front-end development whenever they had extra work.
- Created React components given a set of UI designs and specifications.
- Created custom React hooks to fulfil specified functionality.

Software Engineer | NFBet   *10/2021 - 03/2022*

- NFBet was a blockchain based fantasy sports and sports betting platform.
- Designed and developed smart contracts in Rust that were deployed on the Solana blockchain.
- Wrote Python code to retrieve data from sportsdata.io that was stored in a MySQL database and served to the front-end using Flask web framework.
- Collaborated with a designer to create a UI and implemented using React JS.

Software Engineer | Jungle DEFI   *07/2021 - 10/2021*

- Jungle DEFI is a decentralized finance platform built on the Solana blockchain.
- Designed and developed smart contracts for a range of decentralized finance products using Rust programming language that were deployed on the Solana blockchain.

Teacher | Varee Chiang Mai International School   *04/2017 - 04/2021*
- Worked as a full-time English teacher, teaching children aged 8-10 within the school's English Program.
- I developed my communication skills by presenting information and conveying its meaning to a class of students for four hours every day. This required an ability to simplify difficult concepts and demonstrate topics clearly.
- I improved my knowledge of Microsoft Office by regularly creating slideshows using PowerPoint to present information in the classroom, create documents such as lesson plans and curriculum outlines using Word, and spreadsheets to track student scores using Excel.
- I mentored students and improved their English abilities in all areas of language; speaking, reading, writing, and listening.

Teacher | Banmaireab School   *04/2016 - 04/2017*

- Worked as a full-time English teacher, teaching children aged 8-9 within the school's English Program.
- Wrote lesson plans for the English Program's grade 2 English course.
- Improved students' English language ability in all areas.

Hospitality Worker | Australia and NZ   *2013 - 2016*

- I worked in various roles including; waiter, bartender, and kitchen hand, for many different companies whilst travelling around Australia and New Zealand.