

WILLIAM PAGE

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

PERSONAL STATEMENT

A full-stack Python and JavaScript developer that specializes in building web applications using Python Django for the backend with React JS for the frontend. 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

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

EDUCATION

Goldsmiths, University of London

BSc Computer Science – First Class Honours

05/2019 - 09/2022

University of York

BSc Economics – 2.1

2008 – 2011

WORK EXPERIENCE

Software Engineer | Freelance

06/2022 – 01/2023

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 at <https://print-thailand.vercel.app>).
- I designed and implemented all features on both the back-end and front-end; using a stack of Django, Celery, PostgreSQL, Docker, React JS/Next.js, Tailwind CSS.
- 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 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.

Seven&Eight 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 various data provider APIs and web scraping.
- Designed and implemented MySQL database to store sports data.
- Built API using Python Flask.
- Collaborated with a designer to create UI components using React JS.

Software Engineer | Jungle DEFI

07/2021 - 09/2021

- 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 - 03/2021

- 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.