WILL PAGE

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PERSONAL STATEMENT

Experienced full-stack **Technical Lead** specialising in building robust web applications using **Python Django** and **React with TypeScript**. Proven track record of delivering high-quality software across the full project lifecycle, from concept and architecture through development, deployment, and ongoing support. Passionate about technology, clean code, and solving complex problems with thoughtful, scalable solutions. A collaborative and driven engineer with a continuous learning mindset and a deep understanding of both technical and product delivery in client-facing environments.

CORE SKILLS

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

EDUCATION

University of Bath   *01/2025 - current*
MSc Artificial Intelligence

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 – Project Technical Lead | DabApps   *02/2024 – current*

- Led the technical delivery of multiple web applications using a stack of Python Django with DRF on the backend, React with TypeScript on the frontend, and SQL databases.
- Contributed daily hands-on code across the stack, building features end-to-end while shaping system architecture, API design, and performance optimisation.
- Owned key technical decisions across the project lifecycle, from requirements planning and architecture design to deployment and maintenance.
- Defined and enforced coding standards, best practices, and development workflows, ensuring high-quality, maintainable, and scalable code across all teams.
- Conducted thorough code reviews and mentored developers, promoting a culture of technical excellence and continuous learning.
- Collaborated closely with designers, project managers, and clients to translate complex business needs into clear technical solutions.
- Managed project deployments with Heroku and AWS services including S3, RDMS, CloudFront and CloudWatch.

Software Engineer | DabApps   *02/2023 – 02/2024*

- Delivered high-quality backend and frontend code across multiple client projects using Python Django and React with TypeScript.
- Designed and implemented robust RESTful APIs using Django REST Framework.
- Built and maintained relational data models and complex queries using PostgreSQL and MySQL, ensuring performance and scalability.
- Engineered dynamic, scalable user interfaces in React with Tailwind CSS, ensuring clean design and robust performance.
- Integrated applications with a wide range of third-party APIs and platforms, including Stripe, PayPal, Xero, Microsoft Teams, API Deck, HubSpot, Circle.
- Collaborated closely with cross-functional teams to implement features from design through deployment in agile sprint cycles.
- Contributed to unit and integration test coverage, improving reliability and reducing regressions.

Software Engineer | Freelance   *06/2022 – 01/2023*

Seven&Eight Web Agency

- Created React components given a set of UI designs and specifications.

  Created custom React hooks to fulfil specified functionality.

Print-Thailand

- Built a print on demand platform for an apparel printing business.
- 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.
- Created 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.
- Integrated a Celery async task queue with Pillow image library, to create high-resolution images ready to be printed onto clothing.

Suay Collection

- Built an e-commerce store for a jewellery business 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.

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

- 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 APIs using Python Flask and UI components using React JS.

Software Engineer | Jungle DEFI   *07/2021 - 09/2021*

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