

GitHub

<https://github.com/nicolas-thompson>

Nicolas Thompson

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Location: Canary Wharf, London, E14 9DB

Software Engineer with over 10 years experience working on high traffic, scalable, highly available web applications.

Effective in high pressure, dynamic environments. Presents elegant, maintainable solutions to meet the challenges and leverage opportunities of the modern web.

More than just a coder, thinks through problems, helps clarify requirements and thinks about the user first.

Proficient designing component based, data centric JavaScript views & API driven applications.

Curious and passionate, looking constantly for opportunities to improve.

Applies SOLID principles & Agile practices.

Knowledge

React	Vue	Javascript
Node	Python	PHP
MySQL	Postgres	MSSQL
Agile Practices	RESTful APIs	Design Patterns
Test Driven Development	SOLID Principles	Continuous Integration & Deployment

Experience**Capricorn Capital: Software Engineer**

Private equity

November 2020 to June 2021 (8 months)

Permanent

- Writing standalone functions in Python; which batch process thousands of documents held on blob storage, into database tables; the functions are hosted on the Azure Function Apps platform. Triggered daily either by https or timer by Microsoft Data Factory, a process orchestration tool.
- Maintained an application which is used internally by the business to manage automated marketing campaigns. Written in React with a Node API & Sequelize as the model layer.
- Developed a financial information reporting application with a real-time data dashboard. Written in Vue with a Node API and using stored procedure calls as a model.
- Assisted with peer code reviews.

Technologies: React | Vue | Node | Python | Azure Functions | Git | AWS Cognito

Collinson Group: Software Engineer

Business to business service

November 2019 to March 2020 (5 months)

Permanent

- Development of an API which powers a mobile application. Written in PHP with a test first approach.
- Build of an optical character recognition (OCR) application with Node, hosted on AWS Lambda.
- Set up a continuous integration implementation with Travis CI.
- Symfony framework version upgrade.

Technologies: Node | PHP | PHPUnit | Symfony | MySQL | Docker | Travis CI | Git | AWS Lambda

Mullen Lowe: Software Engineer

Digital agency

October 2018 to November 2019 (1 year 2 months)

Permanent

- Development of a RESTful API based on Laravel.
- Building chatbots using Facebook SDK.
- Building dynamic forms with React.

Technologies: React | PHP | Laravel | MySQL | Vagrant | Git | AWS EC2 & S3

SEGA Europe: Software Engineer

Video game company

September 2016 to October 2018 (2 years 2 months)

Permanent

- Test Driven Development of a Content Management System with Laravel.
- Introduction of Agile Practices & Principles to my team.
- Dockerization of the application.

Technologies: PHP | PHPUnit | Laravel | MySQL | Git | Docker | AWS EC2 & S3

All Saints: Software Engineer

E-Commerce

March 2015 to September 2016 (1 year 7 months)

Permanent

- Development of <https://www.allsaints.com>.

Technologies: jQuery | PHP | Sass | MySQL | Git

Kurt Geiger: Software Engineer

E-Commerce

July 2014 to March 2015 (9 months)

Permanent

- Development of <https://www.kurtgeiger.com>.

Technologies: jQuery | PHP | Magento | Zend Framework | MySQL | Stripe | Git

NME: Software Engineer

Publishing

September 2009 to July 2014 (4 years 11 months)

Permanent

- Development of <https://www.nme.com>.

Technologies: jQuery | PHP | Zend Framework | Behat | MySQL | SVN

Education**Manchester University**

Bsc (Hons) Computer Science 2:1

Canoe & Kayak Club President