



**A reliable and focussed full-stack developer with ten years of commercial experience, specialising in web application development using Django, Python and React.** Skilled in a wide range of client and server-side technologies, with a keen interest in design, usability and user experience and human-computer interaction.

## Selected Experience & Employment

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### **Tank Labs, [tanklabs.co.uk](http://tanklabs.co.uk) — September 2017–December 2018**

At Tank Labs I worked with two startups to develop their web applications, taking initial designs through to delivering robust and scalable products with a wide variety of functionality. As the sole developer of these applications, my work spanned across the full-stack of development—from Django and React with GraphQL APIs, to front-end HTML and HTML email templates, configuring Elasticsearch search clusters, orchestrating AWS deployments and configuring servers and AWS networking.

Skills: Django/Python, GraphQL + Apollo, APIs, Elasticsearch, Elastic Beanstalk, AWS, React, Front-end development

### **Planixs — March–September 2017**

Development of a large-scale data-heavy Django application for a global corporate client.

Skills: Django/Python, React

### **Prept, [prept.ai](http://prept.ai) — 2016/2017**

I worked with a small team on a large-scale Django application. My work was primarily in React on the front-end of the system, integrating with the Django Rest Framework back-end, but also spanned many different areas of the system including CSS styling, unit tests and the Node.JS-based build process.

Skills: Django/Python, APIs, React, Front-end development, Node.JS

### **Evermix, [evermix.fm](http://evermix.fm) — 2015/2016**

Full-stack development of a music website. My work also included a Django Rest Framework-based API, creation of a JavaScript-based music player and integration with various AWS services.

Skills: Django/Python, Django Rest Framework + APIs, AWS, JavaScript + jQuery, Front-end development

### **Jeepey, [jeepey.com](http://jeepey.com) / [stormjeeps.com](http://stormjeeps.com) — 2012–present**

I worked with a small business to develop their online shop into a complete bespoke system, including stock management and fulfilment, and integration with APIs for card payment and delivery services. My work also included the design and development of a responsive mini-site for subsidiary Storm Jeeps.

Skills: Django/Python, Apache Solr, APIs, Celery, Front-end development

### **Reading Room Manchester, Interface Developer — 2009/2010**

I led the front-end development on a variety of projects for high profile clients for this digital agency.

### **Freelance, [njday.com](http://njday.com) — Full-time from 2010–present**

I have been developing websites on a freelance basis for many years, working with small businesses and offering a complete design, development, support and maintenance service. My freelance work has also included design for print and multimedia projects, as well as working with local digital agencies.

Skills: Django/Python, PHP, Linux, Sysadmin (Git, Fabric etc), AWS, APIs, Interface Design, Front-end development

## Qualifications

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### **MRes Human-Computer Interaction, Distinction, Lancaster University (2006–2007)**

My dissertation research investigated how user satisfaction can be achieved in web-based content management systems, taking into account their mandatory daily use in a corporate environment. More information at [cms.njday.com](http://cms.njday.com).

### **BSc Computer Science, First Class Honours, Lancaster University (2003–2006)**

My final year project was the development of a campus-based Java and Bluetooth-enabled public display voting system, which users interact with via their mobile phone. I published and presented a paper of my work at the British HCI Conference 2017. More information at [univote.njday.com](http://univote.njday.com).