

# NICK THOMPSON

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<http://www.nickthompson.info>

## Python Developer | Web Developer | Software Engineer

**Python and Django Web Developer** with **3 years'** experience in **designing, maintaining, deploying, and supporting** a wide range of **web applications** and **services** in the **public and private sector**.

## CORE COMPETENCIES AND ACHIEVEMENTS

- **Process Improvement:** Identified **quality and inefficiency issues** within the existing codebase which led to implementing a new **DevOps** platform, streamlining the development process which **increased productivity** within the development team over the **development life cycle**.
- **Communication:** Led weekly **stand-up and scrum** meetings, communicating valuable feedback to the development team and reporting project progress to **stakeholders** over an **18-month period**
- **Teamwork:** Responsible for the induction and training for **all new starters** within the department, mentoring a team of **three developers** over a **2-year period**.
- **Innovative:** Identified failures in an aging **service desk application** resulting in a **complete redesign** which improved tracking of user issues for over **500 employees**, improving efficiency and fault resolution time, allowing **service desk** staff to close **97% of all tickets**.
- **Software Development:** Lead developer on a **content management** and **intranet application** to enable the **Executive Leadership Team** to deliver strategic content to **500+ users** within the organisation.
- **Tech Skills:** Python, Django/Flask, HTML, CSS, JavaScript, SQL, Linux, Git, Bootstrap, AWS

## PROFESSIONAL EXPERIENCE

**ICT Officer (Developer)**  
Cleveland Fire Brigade

**2016 – Present**

- Designed, Implemented, and maintained new and existing software solutions for web, desktop, and tablet environments using Python, Django, HTML, CSS, JavaScript and C#
- Contributed to code management, development and testing of software using Azure DevOps.
- Organised weekly stand-ups, scrums, code reviews and milestone meetings with stakeholders.
- Responsible for the processing, transmission, storage, and retrieval of data using SQL and REST API's
- Provided 24x7 support and administration to the ICT infrastructure, critical systems, mobilisation, incident command and communications networks.
- Deployment and maintenance of virtual server environments and cloud platforms - Azure and AWS

- Provided maintenance of the corporate website
- Contributed to the data cleansing and upkeep of the company inventory systems
- Analytical reporting and documentation using the ISO 9001 framework
- Implementation of C++/C# code into core robot OS functionality
- Assembly of robotic components, microelectronics, software development and implementation
- Design and production of video and graphics for sales material

- Developed web applications for clients to improve their business processes.
- Providing high quality support for business-critical systems.
- Server, Laptop and Desktop, installation, upgrades, and repairs.
- Design and implementation of Firewalls, networks, routing, LAN/WAN.

## **CERTIFICATIONS / PROFESSIONAL TRAINING**

**CS50 Programming with Python** | Harvard University via Edx.org (2022 – 100%)

**CS50 Web Programming, Python and JavaScript** | Harvard University via Edx.org (50% complete)

**LFS101X Introduction to Linux** | Linux Foundation via Edx.org (2014 – 100%)

## **EDUCATION**

**Secondary School GCSE** | Nunthorpe Academy (1995-2000)

## **INTERESTS AND PERSONAL PROJECTS**

I spend a lot of my free time learning new skills, expanding my interest in game development, electronics, science, and all things tech. I enjoy experimenting with and learning different game engines and have used Unity, PyGame and GoDot to make small indie games using C# and Python.

Please visit my profile website [www.nickthompson.info](http://www.nickthompson.info) for more information.