

Nathan Powell

A highly experienced software and web developer with expertise in Python, TypeScript, and frameworks like Django, Next.js, and React.js. Skilled in transforming business requirements into technical solutions, managing IT infrastructure, leading teams, and delivering high-quality software products. Adept at managing cross-functional projects, improving operational efficiency, and implementing cutting-edge technologies.

Professional Experience

Roco Technology Group (Full Time) - June 2021 – March 2025

- Managed a small development team and delivered projects aligned with business goals.
- Migrated IT systems to Azure Active Directory, enhancing security and manageability.
- Designed and deployed secure portals for DNA Financial Solutions, enabling automated document management and client communication.
- Led the development of Mogul Search, the UK's first live property comparison platform.
- Developed the Client Services Lead Management System, streamlining lead tracking and updates.

Omnibyte Technologies (Founder and Lead Developer) – February 2022 – Present

- Manage and maintain platforms such as Mogul Search, DNA Financial Solutions Internal Portal, Client Portal, TrackSim, and TruckStopRadio.
- Built and oversee all technical development for TrackSim and TruckStopRadio, including integrations and updates.
- Oversee technical development, updates, and integrations for all company-managed platforms.

Nathan7471 Development – Software Engineer (Freelance) - June 2020 – February 2022

- Delivered bespoke software solutions, including automation scripts and web applications.
- Built tools using Vue.js, Nuxt.js, and MySQL, and deployed custom Discord bots.

Key Projects

Mogul Search – <https://mogulsearch.com> - January 2024 – Present

- UK's first live comparison platform for property investors, integrating REST APIs and XML endpoints.
- **Technologies used:** Python, TypeScript, Django Rest Framework, Next.js, PostgreSQL.

DNA Financial Solutions Internal Portal - July 2023 – Present

- Secure internal case management system with automated document generation and client notifications.
- **Technologies used:** Python, Django Rest Framework, and Next.js.

Kartify – <https://kartify.live> - September 2023 – Present

- Platform for tracking karting lap times and performance analysis with calendar integration and YouTube embedding.
- Processing over 18 requests per second and 250,000+ lap times a day.
- **Technologies used:** Python, TypeScript, PostgreSQL, and Next.js.

TrackSim – Job Logging Solution – <https://tracksim.app> - December 2022 – Present

- SaaS platform for processing and analysing job data from Euro Truck Simulator 2 & American Truck Simulator.
- Supports 900+ companies and 450,000+ jobs annually.
- **Technologies used:** TypeScript and Next.js, Python, Django Rest Framework, Redis, Python, CPP, Java, and the SCS SDK with custom TCP JSON integrations.

Education

BPP University – Bachelor of Science in Digital and Technology Solutions | May 2023 – Expected May 2025

BCS Level 4 – Software Developer Apprenticeship | June 2021 – February 2023

BTEC Level 3 – Computing | September 2019 – June 2021

Technical Skills

- Programming Languages: Python, TypeScript, JavaScript
- Frameworks: Django, Django Rest Framework, Next.js, React.js, Nuxt.js
- IT Infrastructure: Azure Active Directory, Unifi Networking Systems
- Development Tools: GitHub, MySQL, Agile/Scrum methodologies
- Soft Skills: Team Leadership, Project Management, Client Communication

Links

- GitHub: <https://github.com/mrnat7471>
- Website: <https://nathanpowell.uk>
- LinkedIn: <https://linkedin.com/in/nathan-t-powell>

References available upon request.