

Preston Arnold

Software Engineer

prestonarnold.uk | me@prestonarnold.uk | 01604 588449 | Greater Northampton Area

Summary

Passionate software engineer focused on modern web standards, full-stack development and building strong professional connections. Experienced in developing production software with TypeScript, Python and Rust.

Skills

Languages

Typescript, Rust, Python, HTML, CSS

Frameworks

React, NextJS, Astro, Express

Databases

PostgreSQL, SQLite

Testing

Vitest, Jest

Infrastructure

Docker, Cloudflare, AWS

Other

Linux, Git, SEO, API design, SDK design

Professional Experience

Technical Co-Founder & Software Engineer

02/2026 – Present | Northampton

Local Business Voice 

- Solely architected and developed the full-stack platform from frontend to backend and production infrastructure.
- Engineered the Python data processing architecture, handling survey responses and transforming them into structured insights
- Built automated workflows for compiling responses into professional quarterly reports and documents for submission to local authorities.
- Designed and implemented databases, APIs, form management system, and response processing pipeline
- Took entire technical ownership of the platform from initial development through to deployment.

Full-Stack Developer & Co-Founder

11/2023 – 03/2024 | Remote

RYPR (defunct)

- Produced multiple online SaaS platforms which converted great revenue
- Worked with a team of developers and gained experience collaboration and project management.

Lead Developer

09/2023 – 11/2023 | Remote

Scale Your Shop

- Developed the first version of the TikTok Shop affiliate automation bot which outreached to affiliate creators on behalf of TikTok Shop brands
- Led a team of developers and was the bridge between management and development
- Handled scaling with AWS, managing 50+ automation instances.

My hard work paid off very much here, the CEO of Scale Your Shop had a meeting with a TikTok, which they told him we were a major player in TikTok Shops initial success!

Server Administration

01/2021 – 03/2021 | Remote

SkyHawk Hosting (defunct)

- Administered Linux server infrastructure.
- Monitored system performance, uptime and reliability.
- Implemented security measures and automated backup processes.

Manager & Co-Founder

05/2020 – 12/2020 | Remote

AstralNodes (defunct)

- Managed Linux server administration and technical troubleshooting.
- Handled customer support
- Developed the company's website using the ReactJS framework.

Education

Engineering

Northampton College

09/2026 – Present | Booth Lane

Home Education

09/2021 – 07/2026

Pursued independent technical education alongside developing software projects and commercial products.

References

Simon Cox, *Director*, NNBN

hello@nnbn.co.uk, 01536 648383

Paweł Grzybek, *Senior Software Engineer*, CreateFuture

club@nn1.dev