

Jonny Stoten-Wild

SENIOR SOFTWARE ENGINEER

Bristol, UK

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Full-stack engineer with a deep backend focus, comfortable across the whole development lifecycle and a firm believer in automated testing and code quality. Over fifteen years turning complex problems into simple, reliable software.

Experience

TurinTech AI

Remote

SENIOR SOFTWARE ENGINEER, TECHNICAL LEAD

May 2025 – Jun 2026

- Lead development of the Artemis planning agent, an AI system for generating and executing plans to solve complex problems.
- Driving efforts to productionise the Artemis platform, focussing on reliability and observability.
- Leading an initiative to convert from a microservices architecture to a modular monolith, improving maintainability and reducing operational overhead.
- Designed and implemented the backend for the Artemis VS Code extension, providing an interface to the Artemis agent from the IDE.

Docker

Remote

SENIOR SOFTWARE ENGINEER

Nov 2020 – Nov 2024

- Designed a replacement container image signing system for Docker Official Images.
- Created and maintained new open-source libraries, including [docker/attest](#).
- Collaborated with others across industry and academia in open standards working groups.
- Founded and served as a member of the Technical Steering Committee for the OpenPubkey project.
- Wrote blog posts to explain our work to developers across the industry.
- Various smaller projects across Docker Hub, Docker Desktop, and Docker Scout.

Pirate.com

Bristol, UK

SENIOR SOFTWARE ENGINEER, TECHNICAL LEAD

Mar 2018 – Oct 2020

- Developed software using an eclectic mix of languages and technologies for the world's largest network of music studios.
- Led the rewrite of the core booking system from a Ruby on Rails MVP to a scalable backend API written in Elixir and a responsive frontend using TypeScript with React.
- Designed and implemented Pirate's in-studio audio recording system for DJ mixes, using Raspberry Pi devices and a cloud recording storage backend.

Rocketmakers

Bath, UK

SENIOR SOFTWARE ENGINEER

Sep 2013 – Mar 2018

- Worked with startups and scaleups developing minimum-viable-products and production-ready applications, including:
- TravelLocal, a web application for connecting travellers with local travel agents, who can create and refine itineraries for bespoke luxury holidays.
- PDMS, a system used by the UK Sports Institute to track performance and medical records of elite athletes competing at the Olympic and Paralympic Games.

Ansys

Cambridge, UK

SOFTWARE ENGINEER, TECHNICAL LEAD

Aug 2010 – Sep 2013

- Worked on GRANTA MI, a materials-science database product for use in the aeronautic and automotive industries.
- Responsible for the implementation of new features across almost every aspect of the system, as well as the high-level technical strategy for API and Server products.
- Designed and implemented solutions to maintenance problems typical in large legacy systems.

Open Source Projects

attest

 [docker/attest](#)

MAINTAINER

2024

- Open-source Docker project for applying policy to supply-chain attestations on container images.
- Combines several open standards (SLSA, in-toto, TUF) into a simple solution for attestation verification.

OpenPubkey

 [openpubkey/openpubkey](#)

MAINTAINER AND TECHNICAL STEERING COMMITTEE MEMBER

2023 – Present

- Community project for binding public keys to OIDC identities without the need for a Certificate Authority.
- Implemented GQ signature support to prevent replay attacks when publicly sharing OIDC ID tokens.

Writing

[How to Use OpenPubkey to Solve Key Management via SSO](#)

Docker Blog, Feb 2024

[Signing Docker Official Images Using OpenPubkey](#)

Docker Blog, Oct 2023

Skills

Languages

Go, JavaScript/TypeScript, Elixir, Python, C#/.NET, Ruby

Frameworks

Node.js, FastAPI, React, LangGraph

DevOps

Docker, Kubernetes, Terraform, Prometheus, Grafana

Other

Git, Bash, Linux, PostgreSQL, Redis

Education

Royal Holloway, University of London

BSc (HONS) COMPUTER SCIENCE — FIRST CLASS.

2007 – 2010

An up-to-date version of this CV can always be found at <https://jonnystoten.com/cv>.