Vincent Prouillet

Senior Software Engineer

hello@vincentprouillet.com | vincentprouillet.com | github.com/Keats

Introduction

I am a developer with an entrepreneurial mind and a good eye for UX.
I have experience working remotely and in-house, both as a solo developer and in small teams and can jump in projects quickly.

Experiences

Senior Software Engineer, One Codex -> Invitae — Remote — 2019-2022

- Development of a genomes portal in Next.js for the frontend and GraphQL in Flask for the backend.
- Research and development (Rust) of a distributed genomic database using succint Debruijn graphs and compressed bitvectors. Deployed using Kubernetes and Helm.
- Rewrite of many backend tools in Rust: more reliable (some services running for 2+ years without any interventions or issues), faster (eg our FASTQ parsing library is 20x faster than a pure Python implementation).

Freelancer — Remote — 2017-2019

- Stroly.jp: rewrite of map viewer (2/3 lines of code, 1/4 gzipped size), rewrite of Android app in Kotlin, cleanup and improvement of the main Django site.
- Pitchup.com: worked on the new frontend in Vue/GraphQL, cleanup and improvement of the Django backend

Director, We Are Wizards — London/Remote — 2014-2018

- Co-founded tech agency making MVPs for clients
- Developed our own product, Proppy, to make our proposal writing experience better wearing all hats: user testing, development, customer support.

Contractor — London/Remote — 2014

Django developer, Timetric — London — 6 months

- Improvement/bug fixing of Excel <=> Postgres data transfers
- Optimised a machine learning pipeline and Elasticsearch queries
- Postgres tuning

Front-end developer, Service Trade — Remote — 2 months

- Added features/design to the tablet version of the app in EmberJS

Django/JavaScript/Go developer, Green Man Gaming — London — 2013-2014

- Maintained and improved the Green Man Gaming shop and Playfire (Django + jQuery)
- Main developer of Playfire 4 Web: third-party javascript to interact with Playfire via widgets such as comments and Want button
- Developed a Steam scraper in Go

More on LinkedIn: https://www.linkedin.com/in/vincentprouillet

Technical skills

Rust, Python, JavaScript/TypeScript