NICK GRIFFITHS

FULL STACK DEVELOPER (PORI FINLAND)

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GITHUB
LINKEDIN
PROJECTS

Work

Data Ronin LLC [05-24 - present]
Founder - self employed

- Creating high quality courses in python, data and web
- Consulting on minor data and automation projects

Tools: JS, TS, React, SQL, Python, Jira
Skills: Software development, Project management

Multiverse LLC [01/21 - 10/23]
Technical lead

- Built and developed tools for data department ~100 staff as well as key clients..
- Developed and ran company wide CPD programs for ~100 staff in data tools, SQL, Python machine learning.
- Saved 5 jobs through reskilling programs in BI/SQL/Python unlocking ~£3 million in revenue.
- Consulted with key clients such as Rolls-Royce, CBRE and HPE unlocking ~£1 million in revenue.

Tools: SQL, Python, powerBI, powerQuery, SKlearn, Tableau
Skills: Stakeholder management, consulting, Project leader

Data coach L4

- Built custom add-ons for jupyter notebook and company slides to improve functionality. ~300 and ~100 users respectively.
- Supported ~70 adult learners through their data program.
- Supported 200+ high quality data/ML projects with CBRE, HPE, Rolls Royce, NHS England as SME coach.

Tools: SQL, Python, powerBI, powerQuery, SKlearn,
Skills: Stakeholder management, consulting, project leader,

Education

Physics and mathematics (BSc)

Open University | 2019 - 2026 (predicted)

- Mathematical models in Maxima (LISP)
- Optimisations and modelling problems

Mathematics Education (PGCE)

Goldsmiths London | 2015-2016

- PGCE teacher trained ages 11-18
- VBA and Python teaching

Pure Mathematics (BSc)

Brunel University London | 2011-2014

- Mathematica and Matlab languages (WOLFRAM, C)
- Statistics

ABOUT ME

I am an experienced data technical lead and self-taught software developer with a strong foundation in coding, data, and software development, currently seeking to transition fully into software engineering.

FRONTEND

TypeScript	Python (pyQT5)
JavaScript	HTML
REACT	CSS
JQuery	Tailwind CSS

BACKEND

Python (Flask)	SQL (Postgres)
Rest APIs	SQL (SQlite)
	node.js (learning)

Data/Modeling

Sklearn	PowerBI
Tensor Flow	Tableau
bs4	DAX
llama	M

Durable skills

Resilient	Self starter
Team player	Coachable
Innovator	Learner

Tools

Node CLI	VScode
NPM	Anaconda
Vite	Jira
Chrome Store	GIT + pages
Google play	code-spaces

Languages

English (native)	Finnish (A2-B1)

Professional Projects

Jupyter notebook add-on [github, JS, Python, HTML, CSS]
- ❖ Injected JS, HTML and CSS into the jupyter environment to add formatting options for visually impaired
- ❖ Used company wide with learners ~300 users

PROPRIETARY

Speaker notes add-on [github, REACT, JS,HTML CSS]
- ❖ Extended functionality of company presentation software built in React
- ❖ Added speaker notes editing and storage to the service for 100 users across the business.

PROPRIETARY

SQL GUI [Python, ipython, Postgres SQL, restAPI]
- ❖ Built bespoke SQL GUI solution for clients with difficult cyber security policies.
- ❖ Built using python ipython to generate UI in Jupyter environment, psycoPG/SQL alchemy API used to access cloud postgres instance via rest API .
- ❖ Used for SQL bootcamps.

PROPRIETARY

Personal Projects

Speedia chrome Extension [github, vanilla JS, chrome Store, maifest V3]
- ❖ Speed reader and universal media controls
- ❖ Published in chrome webstore
- ❖ Used regularly by small user base in beta phase

<Github>
<Site>

Nordic keyboard converter App [git, venv, Python, innosetup, pyinstaller, PyQT5]
- ❖ Fully functioning windows application with GUI
- ❖ Used by me daily to speed up Finnish language typing on windows OS.
- ❖ Process threading and Daemon processes used to manage custom hotkey bindings with event blocking and release.

<Github>
<Site/Download>

Quit smoking tracker PWA [git, node CLI, JS, JSON, PWA, Manifest 3]
- ❖ A simple hackathon project I used to help me quit smoking
- ❖ PWA application is downloadable and installable for all OS
- ❖ Tracks data using JSON formatted data fed in to calendar.js instance

<Github>
<Site>

Finnish language App 2.0 [TypeScript, React, Tailwind, Python, SQL]
- ❖ React application for top 5000 words based on webScraper in python and initial PWA application.
- ❖ Json backend currently used in local storage to allow users to manage their learning. Plans to expand to use SQLite.
- ❖ Fed through Capacitor CLI to generate android APKs for testing pending app store publish.

<Github>
<In progress>

More about me

I love solving problems, especially if they are coding or automation based. Having previously worked in a scale/start up I have an ownership mentality and am comfortable with learning at pace on the job, I am also comfortable with high levels of change/learning in my roles.

My preferred coding languages are JavaScript and Python but I love to pick up new ones.

In terms of workplace preferences I appreciate hybrid with the majority of my time spent remote, though I am happy working in the office with colleagues too.

In my free time I enjoy an eclectic mix of hobbies and pastimes; DIY, metal sculpture, DandD and going to the gym keep me busy outside working hours.