

Scott Kirvan

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background and over 20 years in creative, leadership, client-side, supervisory, and vendor-side in-studio roles. Well-versed in a range of compositing, 3D animation, and simulation tools, and a natural collaborator skilled in the use of film and digital methodologies for Virtual Production, VFX, SFX, and Animation.

Experience

AND Digital

PRINCIPAL ENGINEER

August 2022 – Present

- Lead the development of a white-labelled app for Frasers Group, with 1M downloads and 4.8/5 rating (React Native)
- Planned and coordinated many mini projects to upskill a team of 8-12 associates alongside my client work
- Organised and hosted bi-weekly engineering guild and knowledge transfer sessions for 40 engineers
- Worked on large scale migrations to newer and more maintainable tech stacks for Lloyds Bank and International SOS

Galaxy

VP OF FRONTEND ENGINEERING

June 2020 – May 2022

- Led the development of a high-performance OTC Electronic Trading platform which facilitated over \$1b of trading volume
- Spearheaded a major refactor of the existing codebase, enhancing performance by 50% and reducing technical debt, resulting in faster load times and a smoother user experience.
- Collaborated closely with cross-functional teams, including backend engineers, UX/UI designers, and product managers, to ensure seamless integration of frontend components with backend services.

Freelance

CONTRACT SOFTWARE ENGINEER

January 2018 – June 2020

- Engineering lead on the Shell Recharge app (React Native)
- Developed a high quality reusable component library, for a new challenger bank (React, TypeScript, Storybook)
- Developed a dashboard to calculate and display vehicle idling and CO2 metrics for Machine Max (Rasp Pi, Node, React)

Accenture

DEVELOPER

May 2014 – January 2019

- Took lead on the 3D/AR work for the B&Q bathroom planner (Angular, A-Frame)
- Lead a team of apprentices on the Accenture UKI Innovation Programme (Google Glass, React, D3.js)
- Also supported with the roll-out of Universal Credit (Java), Boots NHS Prescriptions integration (Node.js), E.ON Next Smart Meter portal (React) and the Post Office Kiosk Terminal

See all previous roles at [linkedin.com/in/ScottKirvan](https://www.linkedin.com/in/ScottKirvan)

Achievements

I'm among the top 100 developers on GitHub worldwide, with 50k stars and 10M Docker downloads. I maintain over 100 open source projects, attracting 1M+ annual unique users.

Outside of work, I actively engage in developer communities. I have 10k subscribers to my DEV.to blog, 10+ wins in global hackathons, and rank in the top 1% of contributors on StackOverflow. As a frequent open-source contributor, I have written over 1M lines of code.

This year I earned a place on the Open UK Honors list for contributions to the tech and open source sector. I was among 10 developers selected to take part in the prestigious GitHub Accelerator program, (in partnership with Microsoft's M12 fund), where I developed and launched an AI-powered security insights tool, being used by 10s of thousands of organisations world-wide.

Education

St. Cloud State University (Minnesota State)

B.SC. IN ELECTRICAL ENGINEERING

Grade:

IN ELECTRICAL ENGINEERING

Grade:

Skills

Frontend: React, Svelte, TypeScript

Backend: Go, Rust, Node.js, Python, Java, PHP

Mobile: Kotlin, Swift, React Native, Flutter

DevOps: Ansible, Kubernetes, Prometheus, GitHub Actions

Cloud: Vercel, Netlify, GCP, Azure

Databases: PostgreSQL, SQLite, Redis, MySQL, MongoDB

