

Steve Revill

A dedicated technical leader with a diverse engineering background

steve@7thsoftware.co.uk

British Citizen, Cambridge UK

I am driven by a passion for developing cutting-edge technology products and delivering high-quality software. My core strength lies in hands-on technical innovation, where I enjoy working in dynamic, start-up-like environments that prioritise creativity, embedded technology, and well-designed user experiences.

While I excel in building and leading high-performing teams, my primary focus is on solving complex technical challenges and delivering impactful solutions. As a Technical Director, I have successfully navigated both leadership and technical roles, empowering teams to align with business goals, while remaining deeply involved in the product development process.

Throughout my career, I've worked with global technology leaders like Siemens, Arm, Sky, and Raspberry Pi, driving innovation and ensuring that processes evolve to meet the needs of fast-paced, high-tech industries. With experience across various business models and technologies, I bring a unique blend of technical expertise and strategic insight to ensure innovative and sustainable growth.

Experience and Achievements

June 2006 – Present: RISC OS Open Limited (Managing Director)

RISC OS Open Limited (ROOL) is a not-for-profit organisation managing the Open Source operating system RISC OS, along with coordinating its community of users and developers. This is a background passion project stemming from my years at Acorn Computers (and earlier). We have closely collaborated with Raspberry Pi on various occasions.

<https://www.riscosopen.org/>

July 2002 – Present: 7th software Limited (Managing Director)

The 7th software name was established when I started writing software as a hobby in my early teens. I incorporated the company in 2002 as the trading entity through which I deliver contract software development and technical project management services.

<https://7thsoftware.co.uk/>

Jan 2019 – Oct 2024: FFE Limited (Technical Director)

I joined the FFE Executive Team at a critical moment in the organisation's history, to help protect lives and livelihoods from fire. I managed several challenging events, including decoupling a bolt-on acquisition, Brexit, the COVID pandemic, the global supply chain crisis, and several new product launches. Rebuilt the Technical Department from the ground up, including engineering, test, project leadership, facilities, and compliance. Established a Test and Engineering Centre of Excellence near Cambridge.

<https://www.ffeuk.com/>

Oct 2018 – Jan 2019: FFE Limited (Contract)

Solo development of clean-room technical proof-of-concept for embedding real-time digital video cameras into FFE's Fireray One beam detector and Talentum flame detector. This included a basic cloud platform and mobile app. Successfully delivered on-time for live demonstrations at Intersec tradeshow in Dubai, Jan 2019.

Feb 2015 – Oct 2018: Origami Energy (VP of Engineering)

I joined Origami while it was still a handful of employees in "stealth mode". My original mandate was to co-develop their embedded software stack, and to build them a software engineering capability. By year four, the embedded software was complete, and I had assembled a team of highly talented and dedicated people, both in Cambridge and Poland (EUVIC).

We designed and built the Origami technology solution during my tenure, and a significant portion of my time was spent ensuring timely and effective delivery of our technology to meet ambitious business goals.

Sep 2005 – Feb 2015: Endurance Technology (Technical Project Leader)

Endurance Technology was an outsourcing provider, primarily to the digital TV and broadband industries. I led all phases of many contract projects, across bidding, contract negotiation, requirements capture, and delivery. I also provided a significant amount of software engineering for many projects.

Some of my achievements included developing real-time video stream manipulation software for Sky, authoring the first iteration of the Linux DisplayLink device driver (now part of the Linux Kernel), and helping develop a bespoke embedded OS for smart meters which has been shipped in over 20 million devices worldwide.

Jul 2002 – Sep 2005: Castle Technology (Technical Project Manager)

Project Managed and wrote software for numerous consumer electronics projects, combining software and hardware products for digital TV clients worldwide. Projects included the highly successful IP21x family of set-top boxes for Pace Micro Technology and the DB2xx family of devices for SaskTel in Canada.

Sep 1997 – Jul 2002: Acorn Computers, Element 14, Pace Micro Technology

I joined this iconic British computer company as a Software Engineer and progressed through various innovative projects in desktop computing, consumer electronics, and embedded engineering. It was here I discovered my love of leading technology teams and flourished in the role of Software Team Leader. I contributed to the RISC OS operating system, a small piece of British computing history.

Leadership and Management

Company Directorship (5+ years)
Strategic planning (10+ years)
Technical leadership and team building (20+ years)
Business development (15+ years)
Innovation (Design Thinking, rapid prototyping)
Project management (SCRUM, Kanban, Waterfall, Hybrid)
Company change management (Harvard Five Steps)
System administration (Jira, Cognidox, GitLab, etc.)
Objective cascades (e.g. OKRs)
Formal problem solving (e.g. 8D, 5 Whys, PDCA, etc.)

Technical Expertise

C, Python, HTML, CSS & JavaScript
UI/UX design (Qt, TkInter, Flask)
Git, Mercurial, SVN
Embedded Linux
OS and device drivers
Linux server administration
Arm assembly
Internet of Things (IoT)
MS Office, inc. MS Project
AI & machine learning (hobby)

Other Achievements, Skills and Interests

- BSc (Hons) Computation, University of Manchester
- Full UK driving license

I enjoy keeping track of trends in many aspects of science and technology. I love writing software, playing football, and chess, and I'm a proud ballet Dad.