

Hi, I'm Scott, a Senior Full Stack Software Engineer with over 14 years of industry experience, including a long tenure with a world leader in HPC & advanced compute solutions. I specialize in Python, TypeScript, and Java, though my adaptability has allowed me to work across a broad range of technologies. I thrive on taking ideas from a blank slate to fully functional, well-designed products — blending technical depth with a keen eye for user experience and design.

Professional Experience

2010 - Present



Senior Software Engineer (Full Stack)

Over 14+ years at Codeplay Software, I led the development of all web services, websites, and deployment infrastructure—ensuring near-zero downtime and supporting hundreds of thousands of product downloads. I contributed to key client projects for Qualcomm and Broadcom, building Eclipse and Visual Studio plugins for OpenCL debugging with LLDB. Beyond engineering, I designed all of Codeplay's marketing materials and was recognized with multiple awards, including the Intel Developer of Recognition.

- Led all web service, website, and deployment infrastructure development
- Built resilient systems supporting 100K+ downloads with minimal downtime
- Delivered client tools for Qualcomm & Broadcom (OpenCL debugging in Eclipse & VS)
- Designed Codeplay's full suite of marketing materials (web & print)
- Received Intel Developer of Recognition and internal awards for excellence
- Managed and developed numerous AWS based services facilitating product deployment
- Collaborated with internal and external teams to ship production-ready solutions
- Developed and maintained GitLab and GitHub CI pipelines for the UXL Foundation / Codeplay
- Built a trustless PHP7 web framework powering multiple sites, independently audited with zero security issues

Python TypeScript JavaScript Java Angular GitLab/Github CI AWS (Lambda, S3, DynamoDB, EC2, API Gateway etc)
PhotoShop Bash

Previously Held Positions
Staff Software Engineer, Software Engineer

References
Karon Davis (VP of Operations)

Personal Projects

saorsail.com

Web (Angular)/Android App

Android app store, featuring a web application built with TypeScript and Angular, a companion Android app developed in Java, and an API powered by Zuplo and Supabase.

scoredash.xyz

Web App (Angular)

A modern web application that tracks open-source best practice adherence for organizations and users on GitHub and GitLab, providing actionable recommendations for improvement.

SMS2PC

Android/Desktop App

Desktop SMS via Android app, featuring address book sync, customization options, automatic UDP-based connectivity, and support for 3G, Wi-Fi, and Bluetooth.

uRadio

MacOS App

uRadio is a lightweight macOS radio application built in Swift, designed for simplicity and ease of use, allowing users to focus on their work while enjoying seamless audio streaming.

To view all my projects, visit: www.strong.scot/projects

Awards

🏆 Intel Developer of Recognition Award 2023

🏆 Codeplay Award (x2) 2018, 2021

Education

BSc Computer Science (with honours) 2007 - 2010

Craigmount High School 2000 - 2007