James Condron

Engineering Manager

https://github.com/jspc   https://jspc.pw

United Kingdom

The master version of this file is at https://github.com/jspc/cv
And this PDF may be found at https://github.com/jspc/cv/releases/tag/4.3.0

Specialities

- Linux
- golang
- Technical Leadership

- Kubernetes
- APM (DataDog, New Relic)
- Coaching

- Reliability Engineering
- Solutions and Systems Architecture
- Agile Methodologies

About me

A Software Engineering specialist working within a mix of startup, scaleup, and well-established environments, I have spent the majority of my career working across teams, geographically or by responsibility, solving the scaling and performance of both teams and systems in large scale production environments. While my career has been largely split between Publishing and Finance, I have spent almost all of it in building SaaS platforms for both internal teams and external customers.

I've a proven track record in applying Developer Experience (DX) principles; specifically around open communication, data-driven development, and agile practices. I'm passionate about creating effective people-focused engineering organisations through coaching, nurturing, and constant feedback.
I Specialise in

- Linux engineering and administration

- Reliability Engineering

- Distributed Systems design and implementation, including breaking up monoliths

- Technical Team Coaching, Management, and Mentorship

- Community and Development Engagement (FOSS and within teams)

- Building and maintaining stakeholder confidence through delivery and capacity planning and reporting

- Building and nurturing technical teams using Servant-Leadership principals

Management

- Building and scaling up teams

    - Introducing data-driven, rubric based recruitment processes
    - Building career ladders introducing clear, goal driven promotion paths
    - Managing recruitment and training partnerships

- Hands-on technical leadership

    - Picking up features and code-reviews in crunch times

- I am a very accomplished technical architect
- Agile methodologies, delivery management
  - Over a decade working within Scrum
  - Applying Kanban methodologies into Platform teams, which typically eschew such oversight
  - Maintaining delivery and capacity plans

Systems

- Linux to an extremely high level
  - containerisation and virtualisation
  - kernel call tracing
  - process, open file tracing
  - security and management
  - architecture and design

Programming

- Golang to a high level: https://github.com/vinyl-linux/vin
- Bash to a high level: https://github.com/jspc/homedir
- LaTeX to a high level: https://github.com/jspc/cv
- Python to a comfortable standard https://github.com/jspc/article-classifier
- Rust to a comfortable standard https://github.com/jspc/SeoulOS

Projects

2022 - **Kaluza Gender Equality Community**   Kaluza - a Green Energy PaaS
The Kaluza GEC exist within the wider Kaluza DE&I space to provide advocacy for people across the gender spectrum at Kaluza. Our accomplishments include getting parity between Paternity and Maternity leave, providing environmentally friendly period products, and launching Ask Ada - an anonymous service for colleagues to ask DE&I related questions and seek advice on matters.

Portfolio

2021	**SeoulOS**	https://github.com/jspc/seoulos

SeoulOS is a micro-kernel research project written in rust. It aims to be a proof-of-concept for running standard workloads on clusters of commodity hardware

2020-2022	**Vinyl Linux**	https://github.com/vinyl-linux

Vinyl Linux is a Linux distribution centred around `vin`, a super-fast package manager written as a client/server pair in golang, and `vinyl linux-utils`, a busybox-alike set of standard tools, also written in golang. Vinyl Linux can parse and install `apk` packages from Alpine Linux

2016, 2019-2023	**This CV**	https://github.com/jspc/cv

My CV is written in LaTeX, and is built and deployed via Github Actions and published to https://jspc.pw/cv.html

2018	**go-lo**	https://github.com/go-lo/go-lo

A distributed load-testing platform, written in golang. `go-lo` is designed to run consistent, low-overhead load-tests. These load-tests are self contained golang apps which expose a control plane over gRPC and output results to `STDOUT` which are then forwarded into the TICK stack.

Employment

January 2023 -   **Kaluza - a Green Energy PaaS**   Software Engineering Manager - Event Streaming Platform

Management of a small team of Scala engineers who own the platform through which several million events flow to energy retailers a day, covering events from password resets, to billing events and meter point errors.

January 2023 -   **Kaluza - a Green Energy PaaS**   Software Engineering Manager - Data and Analytics Platform

Merge of the previous Analytics Platform with another (Data Warehousing) team, setting capacity and delivery plans and building programmes and processes to upskill Data Analysts to become Analytics Engineers competent in Scala. Management of the team through a re-architecture of the platform, while delivering initiatives on time and under-budget.

August 2022 - January 2023   **Kaluza - a Green Energy PaaS**   Software Engineering Manager - Analytics Platform

Gensis of a Data and Analytics Engineering Team, using BigQuery, Dataform, and Terraform to build highly scalable analytics pipelines. Breaking silos between Data Engineers and Analysts to build T-shaped engineers.

March 2022 - January 2023   **Kaluza - a Green Energy PaaS**   Software Engineering Manager - Developer Experience

Management of a high-performance software team, including line management, goal setting, career and personal improvement, and mission/vision work. Internal stakeholder relations, product management, user research. During my time on this team I grew headcount from three to eight people, taking two engineers through promotions and bringing in early talent.

July 2021 - September 2021   **Databank, a Korean Edtech Startup**   Engineering Manager

Line management and architectural oversight of a team of developers in Seoul, until my work permit ran out. Migration away from a frontend/backend developer silo model into a more cohesive engineering team mentality. Expansion of agile methodologies within the team, including the adoption of kanban, including tshirt sizing and BDD. Bridging the gap between engineering and Customer Support (CS) through the hiring of Application Support engineers. Architectural mentorship of software engineers, and wider technical mentorship of non-engineering staff.

December 2019 - August 2020   **Scratch Financial, a Fintech Startup**   Consultant Cloud Architect

Ownership of internal platform services, leading the design, implementation, and training for the re-platforming of Scratchpay.com. First line 1-to-1s for operations team. Budgeting and cost optimisation of processes and tooling, with an emphasis on self-service platforms and open-source tooling.

October 2018 - August 2019   **The Culture Trip, an Online Travel Startup**   Site Reliability Engineering Manager

Leading engineers and squads, between a London team and a Tel Aviv team, towards thinking of Supportability first for products. Within this I spent roughly half of my time producing materials, with developer stakeholders, around training and policy for supporting products in production, and the other half developing vendor relationships. I trained, ran, and managed the Incident Management group with a focus on skilling-up team members. I doubled the size of the reliability team with both external recruitment, and by offering junior members of the team opportunities to train and learn on the job, all within two months.

February 2017 - October 2018   **Beamly Ltd., a Marketing Startup**   Principal Engineer, Platform Lead

Design, ownership, and management of the award-winning Beamly Fragrance Finder platform, an AI driven chatbot which mapped user-profiles,

Employment, continued

July 2015 - April 2016	**Financial Times, one of the World's largest newspapers** Contract
	Integration Engineer; API Technical Lead
	To build and maintain a large scale API gateway for internal customers and b2b targets, and the governance thereof; while developing new products, coaching permanent staff toward their personal development goals, and training offshore teams in the management of this gateway.
November 2013 - June 2015	**Funding Circle, a Fintech Startup** Devops Engineer
	Green field build out of deployment tooling and testing platform, re-architecture of platform and underlying databases; development of DevOps practices and mentoring; editorship of the funding circle tech blog.
June 2013 - November 2013	**Hogarth Worldwide, part of the WPP group** Senior Devops Engineer
	Management of large video platform for multinational advertising house, developer of ops tooling and creation and management of api gateway for client; mentorship of junior colleagues.
January 2012 - June 2013	**Simply Business, a Fintech startup** Production Systems Administrator
	Development and management of jit tooling platform, ops assistance and tooling to qa teams, development and management of backup and disk management tooling; mentorship and training junior colleagues.
July 2010 - December 2012	**Coreix ltd., an ISP and Datacenter provider** Senior Technician/Lead
	Management of pen testing, integration testing of cloud platforms, helped take down k00bface worm; internal tools development and testing.

Education

start 2017	**Open university** Bachelor of Engineering
	OU distance course
2009	**University of Huddersfield** BA, Secure and Forensic Computing
	Two years credits to a degree, no longer being pursued