

Sian Lennon

Vancouver, BC

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Summary

Software engineer with over 4 years of software experience. Newly back to the job market after some travelling and currently doing freelance work, I am now looking for a full time position and I am eager for a new challenge. My main background is in web development building containerized microservices in a distributed system on AWS and GCP interacting with other services (via APIs and RabbitMQ) and relational databases (via SQL and ORM). While my primary expertise lies in backend development, I've also gained valuable experience with frontend technologies, particularly React with Javascript and Typescript. Typically in the past, I oversaw the whole SDLC, i.e design, plan, develop, deploy, test, document and maintain stable and robust code. I would consider myself a strong communicator and a team player who loves to collaborate on projects with team members and stakeholders. At the core, I am a quick learner who loves solving complex issues and will work hard to make a big impact.

Work experience

02/2022 - 05/2023

Software Engineer

Telnyx

- Scoped and created new micro-services as lead engineer of the project.
- Presented at Pycon in Italy, June 2022.
- Took on responsibilities such as training new team members and interviewing.
- Worked on CI/CD pipeline using git, Jenkins and Kubernetes.
- Created ML services to proactively detect and block fraud and abuse on the platform. Reducing fraud by 95% in the first 3 weeks.
- Created public apis and managed rate limits on the edge stack.
- Worked on reducing the cost of big data across multiple services and databases. Achieved a total save of over \$15k per month during this initiative.
- Avid code reviewer with 356 reviews during this role alone.

06/2021 - 02/2022

Junior Software Engineer

Telnyx

- Selected for the Fraud team started to combat abuse on the platform. Creating 4 new services.
- Member of the revenue team where I managed billing and tax related services.
- Integrated third party services for multiple different projects, including SaaS products.
- Became part of a team under an agile process using kanban boards, sprints and scrums.
- Took part in the on-call rotation for the team. This meant 24/7 cover 7 days in a month.

06/2020 - 06/2021

NOC Automation Engineer

Telnyx

- Led the development and deployment of frontend and backend cloud based infrastructure and services (managed by kubernetes) to aid internal teams.
- Designed, implemented and maintained backend NOC metric systems.
- Migrated several applications to the cloud using tech such as docker, kubernetes and jenkins.
- Saved \$10,000 a year by creating an internal call center solution.

04/2019 - 06/2020

NOC Support Engineer

Telnyx

- Worked with technical clientele in investigating issues with any of the many different products.
- Created scripts on top of public Apis, private Apis and SDKs to cater for customer requests.
- Investigated VOIP issues which can range from SIP, RTP or Vendor problems.

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Technical Skills

Software Design	Python
FastApi	Django
Aiohttp	REST
Testing and debugging	Linux
Javascript / Typescript	React
Java	Spring
Apache Airflow	Big data
REST	RabbitMQ
SQL	Microservices
Cloud infrastructure	Kubernetes
Jira	Jenkins
Docker	Git
Postgres, MySQL	Json
Google Cloud	AWS
CI/CD	SaaS
Grafana	Opsgenie
Internet protocol (HTTP, SIP, TCP)	Software Development Life Cycle (SDLC)

Education

2016 - 2020

BSc in Computer Applications, Soft. Engineering

Dublin City University

Grade: First Class Honours