Errietta "Erry" Kostala

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I am a senior software engineer with 6 years of experience. I am skilled in designing reliable and performant systems, integrating with third parties, and building solutions from the ground up. In my next role, I am looking to take technical leadership of a project and bring it to completion.

EXPERIENCE

Lantum LTD, London — *Senior Software Engineer*

July 2019 - Present

- **API Design and Development**

  As a **technical lead**, led the architectural design and development of a new Microservice API for timesheet submission and auditing for freelance Locum staff working for NHS practices - building one of the most important services for the company. Developed billing solutions related to a new product for Lantum's **COVID-19 response.**

- **Integration**

  As a **technical lead,** led a project to integrate the Lantum platform with the NHS Electronic Staff Record, including management of payroll, annual leave, and education for staff. This was crucial to get the Lantum product to be used by more secondary care institutions.

- **Devops**

  Led the deployment of a new kubernetes cluster to aid the launch of our new US-based product. Took the initiative to set up AWS X-Ray to audit and improve service performance. Led an effort to improve the performance of slower API routes.

  Skills: Microservices, Python, Devops, AWS, PostgreSQL, Software Performance

Zoopla LTD, London — *Software Engineer*

August 2018 - July 2019

- **High Performance Software Engineering**

  As part of an **award-winning** team (women in tech engineering product team of the year), led the design and development of a new Python & Elasticsearch based API for searching new build developments serving thousands of users on Zoopla.

- **Devops**

  Led the creation of terraform templates for new ECS instances, which were deployed with Jenkins.

- **Mentoring**

  Took initiative in mentoring a Junior Developer in JavaScript development and good practices.

  Skills: Python, Node.js, Devops, AWS, MySQL

SKILLS

- Python
- Node.JS
- AWS
- Typescript
- PostgreSQL & MySQL
- NoSQL (MongoDB)
- Microservices
- Functional Programming
- Test-Driven Development

INTERESTS

- Mentoring
- Moving fast & doing things right
- Modern technologies
- Microservices
- Performant Software

FairFX PLC, London — *Software Architect*

May 2016 - August 2018

- **Database Design**

  Led the re-design of a database schema to meet new requirements in functionality.

- **Integration/API design**

  Co-led a project to integrate the FairFX API with a third-party card processor, which involved a refactor of a large part of the codebase.

- **Web Security**

  Led an effort in finding and resolving security issues such as Cross-Site scripting and SQL injection, as well as keeping the platform PCI compliant.

  Skills: Perl, Node.js, Typescript, AWS, PostgreSQL

Self-Employed — *Freelance Software Developer*

2013 - May 2016

- **Mobile application development**

  Developed an e-learning mobile video player for a client.

- **Web development**

  PHP & Javascript web development for various clients.

  Skills: Node.js, MongoDB, Angular.js, ionic.js, PHP, Javascript

Shadowcat Systems, Lancaster — *Software Developer*

June 2014 - July 2015

- **Payment processing**

  Led the paypal integration for a SaaS platform for a client.

- **E2E testing**

  Led the black-box testing of a client API and wrote documentation for the API.

  Skills: Perl, JavaScript, Client communication

TALKS

- Building APIs with Node.js, Lambda & Serverless - London Jan 2019 - https://erk.sh/lnug1901
- Introduction to modern Javascript - London June 2018 - https://erk.sh/es6
- Perl dependency management - London Oct 2017 - https://erk.sh/perl-deps

EDUCATION

University of Huddersfield, Huddersfield— *BSc. Web Technologies*

First class