# Erry Kostala

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I am a senior developer 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.

- **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.

- **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
- Software performance

### 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*

July 2015 - July 2016

- **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