Errietta Kostala | CV

London E14

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I am a senior developer with 5 years of experience. I am skilled in designing reliable systems, integrating with third parties, and building solutions from the ground up. I am an extremely motivated person who learns rapidly and adapts to a wide range of technologies. In my next role, I am keen to get more experience in different technologies while being involved hands-on in designing efficient Software Architecture.

What I'm good at

I have done some frontend work, and I can deliver frontend features effectively. That being said, my biggest talent and preference is for backend systems.

- Node.JS / Typescript
- Python
- Vue.js, and a bit of React
- Devops - AWS / Heroku
- Jenkins
- Relational databases (Postgres, MySQL)
- NoSQL (Mongodb)
- Microservices - AWS lambda
- Functional Programming
- Test-Driven Development

What I'm excited about

- Learning and teaching
- Moving fast and doing things right
- Modern technologies
- Microservices

What I've done so far

Zoopla LTD (ZPG LTD)   **London**
Software Engineer   *Aug 2018 – Present*

- **High Performance Software Engineering**
  Worked as part of a team developing search/discover functionality for new build homes. Built software that was efficient and reliable, serving thousands of users on Zoopla.

- **API design**
  Designed and developed a new Python API used at Zoopla for finding new homes.

- **Devops**
  Deployed ECS and EC2 instances to AWS by creating terraform templates and deploying with Jenkins.

- **Stakeholder Communication**
  Collected requirements from stakeholders and worked with my colleagues to prioritise features accordingly. Presented work done to stakeholders in fortnightly demos.

- **Mentoring**
  Took initiative in mentoring a junior developer in JavaScript development and good engineering practices.

  Skills: Node.js, Python, Vue.js

FairFX PLC   **London**
Software Architect (Senior Software Engineer)   *May 2016 – Aug 2018*

- **Database Design**
  Worked in a team that was responsible in re-designing the FairFX database schema to meet new requirements in functionality.
- **Microservices**
  Developed and deployed Node.js/Typescript microservice applications to AWS.
- **API development**
  Worked on designing and developing APIs for both internal and partner use.

- **Web security improvements** Took initiative in finding and fixing security issues with FairFX''s platforms, such as Cross-site scripting and SQL injection, as well as following a third party agency's recommendations to keep the company PCI compliant.
- **Technical Specification**
  Created technical specifications/contracts and software design for internal and external APIs.

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

Self-Employed — **Remote**
Freelancer — *2013 – 2016*

- **Mobile application development**
  I developed an e-leaning mobile video player for a client. The application handled user log-ins, allowed users to play and download course videos, as well as bookmarking and rating videos.
- **Web app development**
  I developed a personal expense / budgeting system which can parse CSV exports of bank statement and categorise transactions based on a pre-defined set of rules given by the user.
- **Mentoring**
  Acted as a professional mentor for new developers (codementor.io) and helped them learn technologies such as Javascript/Node.js and PHP, as well as giving career advice. On this platform, I consistently maintained a 4.9/5 star rating.

  Skills: Node.JS, Typescript, MongoDB, Ionic, Angular, React, Client communication

Shadowcat Systems Consultancy — **Lancaster**
Software Developer — *2014 – 2015*

- **Payment processing**
  I led the Paypal integration for a SaaS platform for a client (ShadowNMS). This involved taking one-off as well as recurring payments, and ensuring that only subscribed users could access the platform, as well as linking different platform features to different subscription tiers.
- **E2E Testing**
  E2E/Black-box testing of a payment provider API for Paysafe Group (then known as Optimal Payments) as well as technical writing and improving documentation. The project involved ensuring all API endpoints worked as documented, and correcting documentation when it was wrong.

  Skills: Perl, Javascript, Cordova, Client communication

Causes and FOSS I've supported

- **Mozilla Webmaker** Improved Mozilla's online platform for learning Web development called Webmaker, making it work offline for slower/mobile connections.
  Skills: **Javascript, Angular, React**

- **freenode (IRC network)** Worked as one of freenode's volunteer user support staff, answering users' questions. In addition to this, I developed fixes and new features for their IRC server software.
  Skills: **Communication, Perl, C**

- **Code Club** Taught children aged 9 - 11 the basics of programming using a drag-and-drop development tool called Scratch.
  Skills: **Mentoring, Communication**

Talks I've done

- Build APIs with node, Lambda & Serverless - London Jan 2019 - https://erk.im/lnug1901
- Introduction to modern Javascript - London June 2018 - https://erk.im/es6
- Perl dependency management - London October 2017 - https://erk.im/carton

Where I studied

Huddersfield University — **Huddersfield**
BSc (Hons) Web Technologies, First Class