Jack Mahoney

Senior Fullstack Engineer at SoundCloud

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Summary

I'm considering short term contracts (3months or less) starting 2017. Working 4 days per week is important for me. Send me a message if you know of something.

I'm a senior full-stack developer and technical lead with more than 6 years experience. I've worked in studios all around the world, including Berlin's finest startups: EyeEm and GoEuro. I currently work at SoundCloud.

My specialities are JS, Node, MySQL, CouchDB, Play, Spring, React, Angular, Backbone, Rails, PHP, CSS3, and HTML5. But a great developer is never tied to one language, and I'm constantly adapting to new systems and frameworks everywhere I go.

I'm a British citizen with full working permissions. I speak native English, B1 German, and I live in Neukölln. I bring a fresh, agile approach to my work and like to build things that we can all be proud of. I believe in well thought-out, disciplined programming and in structured, testable, maintable code.

See more info at http://dev.jackmahoney.me/.

Experience

Systems Engineer at SoundCloud

April 2016 - Present (8 months)

  Currently writing large scale Scala, ES6, and Node applications with a web focus for SoundCloud.

Tech lead (Contract) at MoreSleep

October 2015 - March 2016 (6 months)

  I served as Tech Lead at the Berlin digital agency MoreSleep. I assisted in hires, managed the developer team, scoped projects, and lead development. I also used my experience in larger companies to modernize the studio's workflows and implement new development and deployment architectures.

Senior Java API Developer at GoEuro

February 2015 - October 2015 (9 months)

  GoEuro is an agile and energetic Berlin startup that brings bus, train, and air travel together in one place. I worked as a senior backend Java engineer designing and building a brand new RESTful API, which was consumed by many applications and thousands of users daily. It also handled tens of thousands of euros in payments and had to be extremely secure and robust. It called many external parties, and dealt with sensitive

information such as addresses and payments. It was a critical system, so bullet-proof testing and clear code planning were paramount.

I learnt many things along the way:

- strictly structured RESTful paradigms
- E2E testing for many different external providers
- API mocking and unit testing
- continuous Java integration and database sharding
- system monitoring, caching, and load balancing
- code planning and encapsulation, strict Java 8 principles and practices
- deployment and code coverage strategies
- clear communication with managers, external partners, and teammates

Full-stack Node Engineer at EyeEm
June 2014 - February 2015 (9 months)

EyeEm is one of the most famous startups in Germany. I worked there as a full stack engineer building a NodeJS-React isomorphic single page web app. I learnt and built a lot, and I've written all about my experiences and roles at jackmahoney.me/blog/eyeem-experience/. Main concerns were:

- building a complex SPA isomorphic webapp for over 10 million active users
- speed, performance and security concerns with tens of thousands of daily visits
- ecommerce market place and user authentication
- commenting, sharing and liking images
- image and asset optimisation across a large range of devices
- using cutting edge (often undocumented) technologies and dealing with the learning curves and the discovery that entails
- working with a large team in at-times critical situations. git and workflow discipline

Lead front-end and mobile developer at Monkii
May 2012 - May 2014 (2 years 1 month)

Monkii is a leading digital agency in Melbourne were I worked for two great years as lead front-end, mobile and wordpress developer. My roles including:
building complex, interactive Javascript components using HTML5 and CSS3. Writing clear, maintainable and highly performant code.
building large single-page apps in Backbone and Angular.
implementing pixel perfect, responsive designs in CSS3 across many platforms.
working with a large team and at times coordinating team members.
working in a rapid development environment using git feature branching

testing on many devices, be they desktop browsers, different OSes or phones and tablets.

optimizing and debugging existing builds across a range of platforms. We supported IE6 on some projects and I became the office expert in cross-browser nuances and debugging. I've spent a lot of time tuning sites for better performance by reducing http request, file sizes, and image reliance, and rewriting JS.

developing front-end strategies and design patterns for the company, presenting these to the team in weekly meetings.

researching new techniques and developing Monkii tool chains, this including writing and maintaining front-end standards and Gruntfiles. (See /documents/monkii-style-stub/ for examples).

attending front-end conferences and meet-ups. consulting with designers about what is possible and effective in design for the web.

advising project managers about costs, quotes and technical feasibility.

ruby/js/css go-to guy.

lead Android developer. Building and maintaining robust native (Java) apps for tablet and mobile.

Frontend and Wordpress Developer at   Instinct
December 2011 - April 2012 (5 months)

Instinct are the makers of the WP-eCommerce plugin. I've been building a set of Wordpress themes and plugins based around selling music online. They using AJAX and a jPlayer to play music through out the site.

developing wordpress themes and plugins with the makers of Wordpress E-Commerce.

adherence to conventions and standards, implementing OO approaches

Lead Android Developer at   Computers For People
May 2011 - April 2012 (1 year)

Built four enterprise Android apps along with several Wordpress projects.

writing a range of original tablet and mobile apps natively for Android and maintaining an existing suite.

working with a backend team and making the appropriate front-end decisions and requests

Android Developer at   Paper Kite Ltd
January 2011 - August 2011 (8 months)

Worked with a team to redesign an existing app. It was the Official All Black's app and it became a great success.

Languages

German (Limited working proficiency)

English (Native or bilingual proficiency)

Skills & Expertise

Node.js
React.js
Java
PHP
MySQL
Ruby on Rails
AngularJS
HTML5
CSS
Gulp.js
GruntJS
npm
JavaScript
Scala

Education

Victoria University of Wellington

Bachelor of Science (BSc), Cell/Cellular and Molecular Biology, 2008 - 2012

Certifications

Bachelor of Science

Victoria University

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Linked in.

Contact Jack on LinkedIn