Jack Mahoney

Senior Fullstack Developer

https://dev.jackmahoney.me
jackmahoney212@gmail.com
+491777067447

Hi, my name's Jack and I'm a senior fullstack developer with over 7+ years experience. Here is a short summary of my most relevant work. For a full overview of my skills and work history please see https://dev.jackmahoney.me/

VolksWagen Autonomous (MOIA), Senior developer (Contract)

Terraform, Kotlin, Java, Spring, GoLang, NodeJS, React, Vue, AWS, July 2018 - March 2019

I was the first engineering lead for VW's autonomous ride hailing division MOIA. I helped design and build greenfield infrastructure, microservices, and REST APIs.

We used AWS services extensively including IOT Gateway, SNS, SQS, Kafka, EKS, ECS and serverless.

AtFarm (BCG DV), Senior developer (Contract)

Java, Spring, GoLang, AWS, NodeJS, February 2018 - May 2018

In 2018 I joined a Boston Consulting Group Digital Venture called AtFarm. This was my most exciting venture to date and involved programmatic analysis of satellite imagery to improve crop yields on farms.

I was in charge of bootstrapping the API in Spring Boot and also implementing instruction sets for self-driving tractors in GoLang. I had to read a full ISO specification of a closed-source tractor instruction system and then write code to convert our farm analysis data into driving commands. I was even trusted with flying to Norway to test out the code on a real tractor.

GLS Labs (GLS), Lead developer (Contract)

Java, Spring, NodeJS, React, Typescript, AWS, SES, SQS, October 2017 - January 2018

I was hired as a lead developer for an experimental project at GLS Postal Service's tech venture GLS Labs. I bootstrapped the project, hired other developers and managed a team of three. The project itself involved a SPA, API, and email parsing technology. Details are covered by NDAs but it basically aimed to replace mail rooms at large companies. It was a great challenge.

Croove (BCG / Daimler), Lead backend developer (Contract)

Scala, AKKA, NodeJS, GO, AWS, Firebase, Postgres, Mongo, SNS, July 2017 - September 2017

I worked as a contractor for Daimlers mobility startup Croove. letscroove.com allows people to rent cars from other users in Germany. I wrote APIs for payments, bookings, and customer service using AKKA, AWS SNS, Go, Scala, and NodeJS (Flow). I also assisted in hiring. The company was acquired by Turo in October.

Geeny (McKinsey /Telefonica), API and IoT developer (Contract)

Scala, Java 8, AKKA, NodeJS, AWS IOT, Firebase, Postgres, Mongo, Lambda, January 2017 - April 2017

I worked as a contractor for Telefonica Germany's R&D offshoot Geeny. I wrote APIs in Scala and Node that managed a complex IoT ecosystem of custom hardware built on the Amazon IOT platform.

SoundCloud, Fullstack Engineer

Scala, Java, NodeJS, Golang, Ruby, April 2016 - January 2017

I wrote Scala APIs and Node applications on an epic scale at SoundCloud. With over 150 million users and hundreds of microservices, code had to be well tested and of the highest quality. I learned invaluable skills in communication, code quality, infrastructure, and debugging large applications. I became the lead developer on the Core Web team responsible for 150 servers and the code behind soundcloud.com.

GoEuro, Senior Java API Developer

Java, Scala, Spring, Play, AKKA, February 2015 - October 2015

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.

MoreSleep, Tech Lead (Contract)

DevOps, NodeJS, PHP, Wordpress October 2015 - March 2016

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.

EyeEm, Fullstack Node Engineer

NodeJS, React, ES6, Flux, PHP, June 2014 - February 2015

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 to serve 20 million users. It was a complex project with many challenges around responsive imagery, page load times, and asset size. We succeeded in making a fast and responsive application on all platforms.

Monkii, Lead Frontend Developer

Backbone, Angular, C#, PHP, jQuery, Android, May 2012 - May 2014

Monkii is a leading digital agency in Melbourne were I worked for two great years as lead front-end, mobile and Wordpress developer.

Instinct, Frontend and Wordpress Developer

Backbone, jQuery, PHP, Wordpress, December 2011 - April 2012

Instinct are the makers of the famous WP-eCommerce plugin. I worked on the plugin and gained a deep understanding of Wordpress core and the plugin ecosystem.

Computers For People, Android Developer

Android, Java, C#, PHP, Wordpress, May 2011 - April 2012

Built four enterprise Android apps along with several Wordpress projects.

Paperkite, Android Developer

Android, Java, January 2011 - May 2011

Helped build the official All Blacks Android app in New Zealand.

BSc in Molecular Biology with Computer Science

Studied at Victoria University in Wellington New Zealand. January 2007 - January 2011