

IAN FORSEY

Scala Developer

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<http://theon.github.io/cv> (PDF)



ABOUT

My name is Ian and I love Scala! I will be a full-time dad through until at least Feb 2017, and am not looking for roles. I have 10 years development experience, including most recently 4 years working with Scala and Akka in AWS to provide highly available and scalable systems. I introduced Scala to Net-A-Porter and have since made [several open source Scala contributions](#) and [spoken at Scala events](#).

WORK EXPERIENCE

Principal Developer, Net-A-Porter

November 2014 - Present

One of two Principal Developers in a 300 strong IT team. Working in a agile environment, shaping the technical direction of the Product Team by ensuring we build available, scalable and fault tolerant applications that expose product data to our customers

Highlights

- Scala, Akka, Spray, Gatling
- AWS EC2, Autoscaling, CloudFormation, CloudWatch, S3
- Successfully served thousands of req/sec from the Net-A-Porter RESTful product API on sale days
- Ran internal [Scala workshops](#) many times over the last two years for a total of 80+ people

Senior Developer, Net-A-Porter

December 2013 - November 2014

Member of the Product Team, building the Net-A-Porter product API

Highlights

- Scala, Akka, Spray, Solr
- Committer to the popular spray/akka-http library, contributing [redirection support](#)
- Active member of the Net-A-Porter [techblog](#)

Java Developer, Net-A-Porter

May 2010 - December 2013

Member of the Labs Team working on both long term project, as well as building prototypes and proof of concepts using a variety of different languages and technologies

Highlights

- Scala, Akka, Spray, MySQL, Lift, Java, Spring

- Worked on many small projects, including the Net-A-Porter iPad magazine, a GoogleTV shopping app, visual similarity product indexer and new Wish List stack
- Introduced Scala to the company, which has grown to 15+ production applications, across 7+ teams as of 2015
- Drove the first project at Net-A-Porter to extract website functionality from a monolithic webapp into it's own end-to-end stack

Junior Java Developer, Net-A-Porter

December 2008 - May 2010

Adding features and bug fixing for the Net-A-Porter site. Worked on the release of theOutnet, the sister sites for Net-A-Porter

Junior Java Developer, Avenca

June 2006 - July 2008

Created applications to analyse data from black box recorders for high speed trains, oil tankers and cruise liners

EVENTS

London Scala Users' Group - Speaker

March 2015

Presented lessons learned whilst building the Net-A-Poter RESTful Product API in Scala and Spray

Scala eXchange Conference - Speaker

December 2013

Presented our use of the Actor Per Request model for the Wish List API at Net-A-Porter

Edit Amplify: Youth Tech - Group Leader

June 2013

A day of running a workshop for groups of 13-14 year old students, with the aim of getting them excited about working in technology!

Google IO - Demonstrator

May 2011

Demoed the Net-A-Porter GoogleTV App in a booth decked out to look like a living room

OPEN SOURCE PROJECTS

scala-uri (160 stars, 24 forks)

Simple scala library for building and parsing URIs ([link](#))

spray-actor-per-request (101 stars, 21 forks)

Example spray application that uses the actor per request model ([link](#))

pre-canned (26 stars, 9 forks)

Mocking HTTP services on spray-can for integration testing ([link](#))



EDUCATION

Coursera**September 2013 - November 2013**

Functional Programming Principles in Scala (100%, Distinction)

Coursera**November 2013 - January 2014**

Principles of Reactive Programming (100%, Distinction)

Typesafe**March 2013 - March 2013**

Scaling up with Akka and Scala

Solent University**September 2003 - June 2006**

Software Engineering (First Class Honours)



INTERESTS

Board Gaming

- Started the weekly gaming group at Net-A-Porter

Internet of Things

- [Arduino Chilli Plant Watering System](#)
- Raspberry Pi + ZWave Home Automation