

# IAN FORSEY

## Scala Developer

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



## ABOUT

My name is Ian and I love Scala! I have 9 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](#). I am now looking for an exciting role where I can use Scala, AWS, Akka and/or other functional languages

## 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 CONTRIBUTIONS**

### **scala-uri (121 stars, 24 forks)**

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

### **spray-actor-per-request (83 stars, 21 forks)**

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

### **pre-canned (21 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 Acala

## **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