

IAN FORSEY

Scala Developer

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ABOUT

My name is Ian and I love Scala! As of July 2017 I am being a full-time dad for at least a couple months. I will be back looking for Scala contracts in due course!

I introduced Scala to Net-A-Porter in 2011 whilst working in the labs team. Over the following five years I drove Net-A-Porter's investment in Scala, providing beginner Scala workshops for near 100 employees, opensourcing as much as possible, speaking about Net-A-Porter's use of Scala at LSUG and Scala eXchange. By 2015 Net-A-Porter had 15+ Scala applications in production across 7+ teams.

Today, at lemonlabs.io, I enjoy taking this experience to help other companies with their Scala projects through contracting and training

WORK EXPERIENCE

Director, Lemon Labs

February 2017 - Present

Highlights

- Helping companies with their Scala projects by contracting, running training sessions and proving opensource software

Associate, Equal Experts

February 2017 - Present

Senior Scala Contractor, HMRC

February 2017 - July 2017

Highlights

- Scala Developer in the Government Gateway team
- Scala, Play, MongoDB, Gatling

Principal Developer, Net-A-Porter

November 2014 - January 2017

One of four Principal Developers in a 300 strong IT team. Working in a agile environment, shaping the technical direction of the Product Team by building available, scalable and fault tolerant applications that expose product data to the customer

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
- Last 9 months was on parental leave

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-Porter 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 (263 stars, 37 forks)

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

spray-actor-per-request (131 stars, 33 forks)

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

pre-canned (34 stars, 15 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

