

Julien Deray MSc

Scala Programming ✨ Team Leadership ✨ Process Improvement
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Professional Profile

Scala Engineering with 8 years' experience with Scala in fintech firms combined with consistent success in exceeding requirements to challenging timescales, motivating teams and driving lean, agile processes. A skilled communicator adept at collaborating and strategising on business-critical, complex projects; skilful in managing key stakeholder relationships. Fluent in Scala as well as other languages with an expert grounding in information system analysis and functional programming.

Key Skills

Product Development ✨ R&D ✨ Strategic Planning ✨ FinTech & Blockchain Technology ✨ Agile Team Leadership, Motivation & Coaching ✨ Stakeholder Management ✨ Information System Analysis & Design ✨ Tool Development ✨ Scala ✨ Functional Programming ✨ Reactive Architecture ✨ Project Management ✨ Problem Solving ✨ Conflict Resolution ✨ Business Scaling ✨ Lean Processes ✨ Distributed Systems

Qualifications

- **Certified Kanban Foundation KMP 1**
- **Certified Scrum Master** | Scrum Alliance (2018)
- **Masters: Computer Science** | IMT Atlantique, Nantes / France Engineering School (2012 – 2015)
- **Diploma: Computer Science (HND Equivalent)** | University Institute of Computer Science, La Rochelle / France (2010 – 2012)

Career History

Oct 2020 – Present **Senior Scala Engineer | IMG Arena, London**

Responsible of implementing a real-time data streaming service to support a new vertical of the company. Dealing with high volumes to process real-time sport event data.

Stack: Scala; Akka; AWS.

Oct 2017 – May 2020 **Artos Systems Ltd, London**

Artos Systems is an enterprise-grade, fast-growing SaaS company with teams of forward-thinking professionals at the forefront of technological developments. With 40 staff it aims to solve real-world problems by translating cross-organisational operational processes into the blockchain realm.

Jan 2020 – May 2020 **Engineering Manager**

Part of the management team reporting to CTO, solely responsible for leading and developing a solutions team of four set up to manage significant growth and provide fast prototyping / proof of concept proposals for clients. Variable stack: Play! Framework Scala; Node.js; React; Typescript.

- End to end project management from requirement gathering and analysis through architecture to CI/CD, production and client relationship management

- Worked directly with clients to establish requirements and update on progress
- Controlled project timelines and expenditures
- Created structure, procedures, tools, guidelines and handbooks, significantly increasing efficiencies
- Applied critical organisational, analysis and problem solving skills to programs
- Developed, coached and motivated the team to deliver fast to challenging deadlines

Career History Continued

Oct 2017 – Jan 2020 Senior Back-End Engineer & Scrum Master

Initially the start-up's only engineer, accountable for the planning, execution and success of all back-end Ethereum Blockchain development projects as well as training up and supervising a growing agile software development team of six. Infrastructure as code with Terraform; cluster management with AWS's ECS.

- Built a scalable solution to reach high volumes on the Ethereum Blockchain
- Led development of highly scalable APIs written in Scala, using Akka HTTP
- Worked with Jenkins to build CI/CD pipeline
- Provided coaching and continuous improvement to the team

Jun 2016 – Oct 2017 CTO & Co-Founder | Mobility / Mespo, London

Co-founder of this fintech with chatbot application built and developed internally - Stack: Play! 2 / Scala / Akka; React; MongoDB; Kubernetes / Docker; ELK stack; Jenkins; Google Cloud Platform.

- Conducted analytical, environmental, operational and performance studies to develop designs
- Prepared reports with innovative proposals to address both technical and process issues
- Startup BootCamp FinTech London cohort 2017
- Raised £100K angel round with £1.8M company valuation
- Recruited, managed and coached seven staff (five interns and two employees)
- Achieved a waiting list for the product of 800 customers and secured 100+ prior to 2018

Oct 2015 – Jun 2016 Full-stack Software Engineer | PDX Technology, London

Worked as the only developer in this start-up fintech platform providing Ethereum-powered P2P lending, reporting to the two founders. Accountable for the implementation of engineering technical practices, industry codes & standards and managed handling all IT tasks: front-end and back-end development and DevOps.

- Developed four fintech web applications using Play! / Scala and AngularJS / React.js with MongoDB, deployed on Heroku and EC2
- Drew many dynamic financial charts using C3.js / D3.js and WebSockets
- Coached, mentored and transitioned new engineer on front-end technology

XXX 2012 – XXX 2015 Full-Stack Software Engineer (University Placement) | Serli, France

Extensive research and prototyping for the well-established Java dev shop during study breaks to assist the company in providing high quality client solutions.

- Programmed dependency injection containers in Java binding CDI and OSGi technologies
- Assisted in implementing the TCK of Google App Engine, working with Google and RedHat

- Built a PaaS platform's framework with Node.js on a cluster of Raspberry Pi in INSA Lyon laboratory

Jun 2014 - Aug 2014

Intern | Optimal Workshop, Wellington / New Zealand

Assisted the UX design firm with implementing, developing and analysing user experience regarding a back office subscription with activity visualisation using D3.js. Migrated database to fit the new payment management system and created a Chrome extension to make integration tests easier to set up.

References Available on Request
