Stefan Lourens

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Other formats : *PDF* | *HTML* | *Markdown*

Background

I've been a Software Engineer since 2002. I'm well versed in all facets of web and API development.

Languages and Tools used:

- Scala / Akka / Play-Framework
- Java 8 / OOP & Functional
- JAX-RS / JSON / REST
- JAXB / XML
- SBT / Maven
- GIT
- JavaSript / jQuery / Angularjs
- HTML / CSS
- SQL / MySQL / PostgreSQL
- Apache / Jetty / Glassfish
- Couchbase / Map-Reduce
- JPA
- Hibernate

Recent Experience

Takealot/MrD Courier : Senior Software Engineer / Team Lead

September 2015 - Present

Responsibilities :

- API Design & Development
- Full Stack (DB/MID/API/UI) Developer on branch and driver dashboards
- Tech Lead on Scala projects
- Mentoring of Jnr Engineers

Projects :

- P2P (Point to Point) API (PostgreSQL / Scala / Play)
  - API used by new MrD Food roll-out.
  - Delivery option and best branch calculation based on location
  - Delivery time estimation.
  - Order Management

- Driver Dashboard
  - Track drivers' current location on a map
  - Track drivers' completed and pending deliveries / orders
  - High-level stats on branch status

- Branch Dashboard
  - Diagnostics and Admin functions to manage current orders
  - Manage drivers' shifts, wages and cash-up

- Various reports

- Locker
  - Still early stages

Tag : Senior Software Engineer

April 2013 - September 2015

Responsible for the Development/Design and Implementation of :

- Architectural improvements
- WebSockets for notification of async tasks (Client & Server)
- REST APIs on flagship product.
- Metrics/metering for both performance and product activity.
- Back-office tools (API & UI).
- Supporting libraries.

Yola : Senior Software Engineer / Co-Founder

- **December 2010 - March 2013 (2 years 4 months) Cape Town**
- **July 2008 - December 2010 (2 years 6 months) San Francisco, CA**
- **February 2007 - July 2008 (1 year 6 months) Cape Town (SynthaSite later renamed to Yola)**

Primary Engineer on Sitebuilder server-side (Java), responsible for design and implementation of:

- JSON based APIs, exposing functionality and data to JavaScript UI.
- Partner Platform, APIs allowing 3rd Party ISP integration.
- Integration of various internal and 3rd party services.
- Style Framework, allowing development of styles for use by user's sites.
- Widget Framework, allowing development of widgets for use by user's sites.
- Generating PHP source from Abstraction to produce final website for hosting.
- Database design & sharding.
- Application Level Clustering.

Development of various back-office tools with web-ui's for use by Support / QA

incuBeta / Clicks2Customers: Software Engineer

September 2004 - February 2007 (2 years 7 months)

Design and implementation of various Java / Web-based solutions, ranging from professional services, eg online booking systems, to in-house products and projects eg Affiliate and vertical search engines.

One of the internal products formed the basis that became Yola's SiteBuilder.