

Moe Aboulkheir

Computer Programmer

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London, England (NW8)

I've been writing software professionally for 11 years, in a variety of contexts: collaborating in variously-sized teams, directly managing developers, as well as working autonomously.

I had the luxury of spending my more formative years as a developer alongside extremely talented people, working in cohesive and transparently well-functioning teams. I'm able to gain fluency in new technologies unusually rapidly, and I maintain a curiosity about novel approaches and solutions.

Interests:

- Lisp
- Functional Programming
- Language design
- Volume
- Data visualization

[Nervous Systems, Ltd.](#)

Feb. 2014 – present

(Consultancy)

Developed backend infrastructure for several products within Samsung Accelerator, with a particular emphasis on (large amounts of) mobile telemetry and social data.

Clojure, AWS, Storm, Dynamo, MQTT, Android/IOS

Clients: [Samsung Accelerator](#)

Software: [Hildebrand](#), [Eulalie](#)

Methodology:

- Pair-programming
- Ruthless code reviews
- Continuous deployment
- User testing

[Rock Lobby](#)

Oct. 2012 – Jan. 2013

(Contract)

Developed a system for efficiently collating, synchronizing & disambiguating sources of social event data.

Clojure, AWS, PostgreSQL, Python/Twisted, Java, Android

Languages:

- Clojure
- Python
- Java
- Javascript
- Scheme
- C#, Objective C, ML

[Deutsche Bank AG](#)

Oct. 2009 – Oct. 2012

Assistant Vice President

Projects varied from front-office facing (Foreign Exchange sales blotter/post-trade amendment system, application host) and infrastructural (protobuf-style streaming) to standardization work (de-identification of relational data).

Java, C#, F#, Javascript, Oracle, Windows

Storage:

- DynamoDB
- PostgreSQL
- SQLite
- Triple stores / graph databases

[Divmod, Inc](#)

Sept. 2005 – Oct. 2009

Developer (remote)

Worked in a small, stable team, developing open source infrastructure, customer-facing products, and providing Twisted consulting.

Python/Twisted, SQLite, POP/IMAP/SIP, Javascript

Clients: [id Software](#), [Betaworks](#), [Deutsche Bank](#)

Software: [Twisted](#), [Axiom](#), [Pyflakes](#), [Vertex](#), [Nevow](#)

Messaging:

- AMQP
- MQTT
- STOMP
- ZeroMQ, Celery

[Point45 Entertainment, LLC](#)

June 2004 – Sept. 2005

Developer

Worked in a small team, developing the backend of a series of online casino games (table games, slot machines), an automated lottery ticket scanning/reconciliation system and a back-office administration tool.

Python/Twisted, PostgreSQL, XUL, Javascript