

London
United Kingdom

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Employment

Site Reliability Engineer **GoCardless** **March 2019 — Present**
• Build and maintain reliable infrastructure for GoCardless.com

Software Engineer **WeQ Global Tech GmbH** **November 2017 — March 2019**
• Develop, deploy, & maintain customer facing microservices (Java/PHP) handling over a billion requests/day.
• Create, and maintain infrastructure as code for new and legacy systems/microservices.
• Own services uptime, and perform systems troubleshooting & debugging and participate in on-call rotations.

Sr. Software & Platform Engineer **zlabs (zlien.com)** **March 2013 — October 2017**
• Leading a team designing & developing an internal platform for data verification and research process.
• Migrating the zlien.com platform to a microservices based architecture.
• Designing & building zlien API that ingests 100K+ transactions every week from our customers' systems.
• Reduced release time from an average of 1–2 days, to an average of 3–7 minutes by automating the process.
• Turned the few downtimes a week into 99.9% uptime of the platform for the past 4 years.
• Administrating Git source repositories, defining branching strategies and tutoring a team of 13 about it.

Software Engineer **Inmobly** **January 2012 — May 2012**
• Designed, developed & deployed Python backends for two mobile apps that recorded and streamed videos.

Lead Software Engineer **Wuzzuf.net** **April 2010 — April 2011**
• Designed, and lead the team to implement the software and infrastructure architecture that handles 5 million CVs and 1M+ of job postings.

Software Engineer **Citex Software** **April 2010 — April 2011**
• Reverse engineered on-premise industrial printing system workflow & developed an online drupal system to integrate with it in order to provide online ordering features to customers.
• Created a PHP template engine reducing the amount of templating development work to 20%.

PHP Developer **Media International** **January 2007 — September 2008**
• Designed, developed, deployed and maintained PHP projects (linux servers, load balancers, MySQL).

PHP Developer **20at.com** **January 2004 — December 2006**
A rebellious first of a kind editorial platform by youth in the middle east
• Rebuilt the portal migrating from a legacy system, and built new sites and platforms.

Education

Cairo, Egypt **University of Cairo** **Fall 2000 — May 2005**
• Dropped out of a B.S.E. in Computer Engineering for personal and family reasons. (Fall 2003 — Summer 2007).

Open Source Projects

- **Toggl Target** (2013). CLI working hours planning tool. Featured in Toggl API documentation. Python, Requests.
- **Grid Status Now** (2014). Egypt's power grid load status as an open source web service. PHP, Symfony.
- **Power Close** (2014). A browser addon to close tabs based on domain or keyword. JavaScript, Firefox, Chrome.

Programming Languages & Technologies

- Python; PHP; Bash; SQL; JavaScript; *Recently*: Java; C; Go; Ruby; Linux System Programming;
- Linux; Linux Internals; TCP/IP; Apache; MySQL; Git; Mercurial; Docker; Docker Swarm; Ansible; Amazon AWS; *Recently*: Google Cloud; Kubernetes; PostgreSQL; Terraform; Redis; Kafka; Chef;

Additional Links & Info

- **Personal Website**: <https://mosab.co.uk>
- **Github Profile**: <https://www.github.com/mos3abof>
- **Linkedin Profile**: <https://www.linkedin.com/in/mosab>