

## Employment

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**Software Engineer** **WeQ Global Tech GmbH** **November 2017 - Present**

- Develop, deploy, & maintain customer facing microservices (Java/PHP) handling few hundred million reqs/day.
- Create, and maintain infrastructure as code for new and legacy systems/microservices.
- Own services uptime, and perform systems troubleshooting & debugging.

**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 zlien.com's platform to a microservices based architecture.
- Designing & building zlien's 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**

- Developed and maintained various PHP projects.
- Deployed and maintained linux, web, database servers, MySQL replication, and load balancers.

**PHP Developer** **20at.com** **January 2004 - December 2006**

- A rebellious first of a kind editorial website by youth in the middle east
- Rebuilt the website from scratch and migrated the old data to the new system.
  - My first real world project was a crowd sourcing elections monitoring and reporting platform.

## Education

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**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

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- **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

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- Python; PHP; Bash; SQL; JavaScript; *Recently started learning/using*: Java; C; Go; Linux System Programming;
- Linux; Linux Internals; TCP/IP; Apache; MySQL; Git; Mercurial; Docker; Docker Swarm; Ansible; Amazon AWS; *Recently started learning/using*: Terraform; Redis; MongoDB; Kafka; Kubernetes;

## Additional Links & Info

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