

## Employment

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|---|--------------------------|-----------------------------|
| <b>Sr. Software Engineer &amp; DevOps</b> | <b>zlabs (zlien.com)</b> | <b>March 2013 - Present</b> |
|---|--------------------------|-----------------------------|

- 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.
- Designing & building the waivers product that is targeting new segments of customers and is a stepping stone to building collaboration features.
- 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.

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|--------------------------|----------------|--------------------------------|
| <b>Software Engineer</b> | <b>Inmobly</b> | <b>January 2012 - May 2012</b> |
|--------------------------|----------------|--------------------------------|

- Learned and used Python to develop & deploy backends that recorded video streams and streamed them to two mobile apps through RESTful APIs in under 5 months.

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|-------------------------------|-------------------|--------------------------------|
| <b>Lead Software Engineer</b> | <b>Wuzzuf.net</b> | <b>April 2010 - April 2011</b> |
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- Designed, and lead the team to implement the software and infrastructure architecture that handles 5 million CVs and 1M+ of job postings.

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|--------------------------|-----------------------|--------------------------------|
| <b>Software Engineer</b> | <b>Citex Software</b> | <b>April 2010 - April 2011</b> |
|--------------------------|-----------------------|--------------------------------|

- 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%.

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|----------------------|----------------------------|--------------------------------------|
| <b>PHP Developer</b> | <b>Media International</b> | <b>January 2007 - September 2008</b> |
|----------------------|----------------------------|--------------------------------------|

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

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|----------------------|-----------------|-------------------------------------|
| <b>PHP Developer</b> | <b>20at.com</b> | <b>January 2004 - December 2006</b> |
|----------------------|-----------------|-------------------------------------|

- A rebellious first of a kind editorial website by youth in the middle east
- Made the system extensible which made it easy to spin off new sub-portals in less than a few days, some times a day. This made it easier for the team to cover major events efficiently fast, and innovatively.
  - 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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| <b>Cairo, Egypt</b> | <b>University of Cairo</b> | <b>Fall 2000 - May 2005</b> |
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- 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). A tool to plan working hours distribution in order to achieve monthly goals. The project is used as the first example in the official 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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- PHP; Python; Bash; SQL; JavaScript;
  - Linux; Apache; MySQL; Git; Mercurial; Docker; Docker Compose; Ansible; Amazon Web Services (AWS);
  - Vim; PhpStorm; PyCharm; Emacs; Netbeans; Eclipse; Sublime Text;

## Additional Links & Info

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