

Employment

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| Sr. Software Engineer & DevOps | zlabs (zlien.com) | March 2013 - Present |
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- 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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| Software Engineer | Inmobly | January 2012 - May 2012 |
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- 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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| Lead Software Engineer | Wuzzuf.net | April 2010 - April 2011 |
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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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| Software Engineer | Citex Software | April 2010 - April 2011 |
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- 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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| PHP Developer | Media International | January 2007 - September 2008 |
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- Developed and maintained various PHP projects.
- Deployed and maintained linux, web, database servers, MySQL replication, and load balancers.

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| PHP Developer | 20at.com | January 2004 - December 2006 |
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- 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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| Cairo, Egypt | University of Cairo | Fall 2000 - May 2005 |
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- Dropped out of a B.S.E. of Computer Engineering from faculty of engineering. (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.

Languages and Technologies

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- PHP; Python; Bash; SQL; JavaScript;
 - Linux; Apache; Nginx; MySQL; Git; Mercurial; Docker; Docker Compose; Ansible; Amazon Web Services;
 - Vim; PhpStorm; PyCharm; Emacs; Netbeans; Eclipse; Sublime Text;