

# MARCIN MARS DEPINSKI

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Software Engineering Lead skilled at hiring and managing software development teams. Experienced in building team culture that fosters excellence. Expert hands-on skills building new software as well as maintaining and enhancing already established systems. Seeking an opportunity to lead a software development team and to contribute to the business.

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## Skill Highlights

- Software systems architecture, design and programming with Java on Linux and various frameworks.
- Team leadership, hiring, performance evaluation, budgeting, and reporting to the VP and C-level.
- Project management methods such as agile, iterative, waterfall as well as project management tools.
- Systems administration of Linux systems on various cloud platforms.
- Familiarity with BI, ETL, data science, and machine learning algorithms and techniques.

## Skill Details

**Languages:** Java, JavaScript, PHP, SQL, CSS, HTML, Ruby, C, C++, Perl, Lisp, Bash, +  
**Frameworks:** Spring, J2EE, Junit, Lucene, SolR, Rails, Laravel, Symphony, Angular, JQuery, Backbone, +  
**Cloud:** Amazon Web Services (AWS), Heroku, Google Cloud Platform (GCP), OpenStack, Proxmox.  
**Databases:** MySQL, PostgreSQL, SQLServer, SQLite, Hive, Redshift, MariaDB, Percona.  
**Tools:** Git, GitLab, GitHub, Subversion, Eclipse, Jenkins, Atlassian suite, Redmine, + others.  
**Big Data:** Hadoop, Hive, Athena, Presto, Kafka, Flume, MapReduce, HBase, DataFlow, PubSub.  
**Data Science:** R, Octave, Julia, Python, awk, various cli tools.  
**Virtualization:** KVM, LXC, Xen, VMWare, bhyve, OpenVZ, BSD jails.  
**Systems:** Linux (RHEL, CentOS, Ubuntu, Debian, Gentoo), FreeBSD, FreeNAS, Solaris.  
**Servers:** Apache, Ngnix, Varnish, HAProxy, Puma, Tomcat, Undertow, Jetty, Redis, Memcached  
**Monitoring:** Graphite, Grafana, Prometheus, Puppet, Chef, Nagios, Cacti, OpenNMS. SNMP.  
**Networking:** Cisco, HP, MikroTik, Routing, Firewall, VPNs

## Experience

**Principal Engineer**, Women.com, LLC - Los Angeles, California. *March 2017 – Present*

Built and designed various responsive site features and internal tools:

- Reporting system and ETL pipelines providing business KPIs at hourly granularity with the ability to link KPIs to various events such as code deployments and configuration changes.
- Ad delivery algorithms increasing per session revenue over 40%.
- Migrated company from AWS and Heroku to GCP reducing costs 80% and increasing performance.
- Optimized end-user site experience by decreasing load time from 7s to 2s.
- Real-time CPM auction bid and revenue tracking system processing billions of events a day.
- Image and video scaling and conversion system to optimize CMS managed assets for the web.

*Java, JavaScript, HTML, CSS, Ruby, Rails, GCP (Compute, BigQuery, DataFlow, PubSub, Stackdriver, Load Balancer, Storage), AWS (Athena, EMR, EC2, S3), Varnish, Nginx, Apache, Linux, Heroku, MySQL, PostgreSQL,, Redis, Git, Graphite, Grafana, Angular, Bootstrap, JQuery.*

**Director of Engineering**, Graflo LLC, Warsaw, Poland. *November 2015 – January 2017*

- Security and usability audits and implementations of banking and financial systems.
- Custom integration programming for regulatory, financial and insurance companies.
- Managed web-developers, systems administrators and interfaced with clients and vendors.

*Java, Spring, PHP, JavaScript, Linux, MySQL, PostgreSQL, Postfix, Git, Joomla, Wordpress, Prestashop.*

**Directory of IT**, Creamfinance LLC, Prague, Czech Republic. *September 2014 – November 2015*

- Built 20 person software engineering organization including IT, PMO, BI, Testing and Development spanning Poland, Latvia, Austria, Georgia, Slovakia and the Czech Republic.
- Setup two redundant data-centers running on OpenStack for short-term loan platform.
- Managed IT teams at 7 office locations in six countries with over 500 users.
- Delivered custom built short-term loan management platform.

*PHP, Nginx, Laravel, Node.js, Java, ProxMox, OpenStack, PostgreSQL, Git, Puppet, R.*

**Principal Engineer**, GlobalTransfers.pl, Warsaw, Poland. *May 2013 – September 2014*

- Brought on to deliver currency exchange system connecting over two dozen domestic and foreign banks.
- Led the system development as a joint in-house/out-sourced effort and launched as Waluciarz.pl.
- Built currency trading platform integration with SaxoBank using Java and the QuickFIX protocol.
- Developed and tested various currency exchange and hedging strategies.

*Java, JavaScript, HTML, CSS, QuickFIX, PostgreSQL, Git.*

**Software Engineering Manager**, TripAdvisor Media Group, Boston, Massachusetts. *May 2010 – July 2013*

- Managed and mentored team of 8 senior and mid-level software engineers.
- Built email marketing software used to send over 150 million emails a week to over 20 million subscribers. Saved company \$9 million a year with external vendor.
- Worked on the development of Tingo, Sniqueaway, BookingBuddy and JetSetter .com properties.
- Migrated properties from Expedia to TripAdvisor such as Airfarewatchdog, OneTime and VirtualTourist.

*Java, JavaScript, HTML, Ruby, PHP, Spring, MySQL, MongoDB, Memcached, Redis, SOLR, ActiveMQ, JMS, JGroups, jQuery, EhCache, Tomcat, httpd, Symfony, OpenNMS, Cacti, OpenVZ, drbd, heartbeat, Linux, puppet.*

**Lead Software Engineer**, Expedia.com, Los Angeles, California. *June 2007 – May 2010*

- Built and managed OneTime.com search and hotel feed functionality as head of 6 person team.
- Developed OneTime.com technology into an API as one of the first companies in the space. This technology was used as a basis to successfully launch Clicktripz.com.

*Java, Spring, PHP, httpd, JavaScript, HTML, Tomcat, Jetty, MySQL, jQuery, YUI, Prototype, Memcached, JUnit, PHPUnit, Ant, Linux, OpenNMS, Cacti.*

*2007 and earlier*

**Sr. Applications Engineer**, Sony Pictures Entertainment, Culver City, California

*Java, Spring, FFmpeg, ImageMagick, XSL, XSLT, YUI, Alfresco.*

**Lead Software Engineer**, VirtualTourist Inc., Manhattan Beach, California

*PHP, Java, JavaScript, HTML, MySQL, Linux, Cisco IOS, Perl, C, Lucene, Ruby, Rails.*

**Systems Analyst**, University of Southern California, Los Angeles, California

*Netware, Windows Server, MS SQL Server, NAS, Networking, Linux, VBScript, ASP, HTML.*

**Software Developer**, Codexa Corporation, Pasadena, California

*Java, JavaScript, HTML, CSS, Gemstone, XSL, XSLT, Swing.*

### Education

**M.S. in Computer Science – Specialization in Networks and Databases**

**B.S in Computer Science – Specialization in Software Engineering**

University of Southern California, Los Angeles, California

### Courses

**Learning from Data** – California Technical Institute, Pasadena, California

**Statistical Inference** – University of Southern California

**Robotics** – University of Southern California