

# Steven Bielik

[steven@bielik.com](mailto:steven@bielik.com)

<http://steven.bielik.com/resume>

(650) 691-5769

## Programming Languages:

I am an expert in web technologies, including, but not limited to: PHP, Perl, and Apache Rewrite Rules.  
I am also well versed in HTTP, TCP, Java, JavaScript, CSS, SQL, XML/SOAP/REST, and Linux administration.  
I have extensive experience engineering multi-tiered environments, APIs, middle-ware, SSL, OAuth, and SEO.

## Platforms and Operating Systems:

My skills in this area include use and administration of: Linux (Ubuntu, Red Hat, etc), macOS and Windows.  
I have also installed and administrated EC2, CDN, S3, BIND, sendmail, MySQL, nginx, and Apache servers.

## P R O F E S S I O N A L   E X P E R I E N C E

- Coupons.com Mountain View, CA Principal Software Engineer 3/2011 – present**
- ✓ Key contributor in the architecture and development of a completely rebuilt version of the website using best of breed technologies, including PHP, JSON, SOAP APIs and REST web services.
  - ✓ Increased speed and efficiency of servers and applications using various testing and caching techniques, including APC, memcache, gemfire, varnish, ab, mc-hammer, and jMeter.
  - ✓ Created Debian packages for use with Jenkins, uDeploy, and Ansible on various Cloud Providers.
  - ✓ Set-up and integrated WordPress systems for various blogs, and one used by editors to create and schedule content on the site's various pages through a common CMS.
  - ✓ Suggested and measured the efficacy of SEO optimizations, ensuring site functionality for robots.
  - ✓ Assist new engineers with use of Scrum, Mercurial, Review Board, Unit Testing and xdebug setup.
  - ✓ Ensured best practices in coding via Unit Testing, Automation Testing, and Real User Monitoring.
  - ✓ Go-to knowledge resource and technological coordinator for various departments, including Platform, Site Reliability, Operations, and Release Engineering, Product, and Marketing.
- Yahoo! Sunnyvale, CA Senior Software Engineer 10/2007 – 2/2011**
- Lead Developer in the Emerging Markets Sports project:
    - ✓ Designed and built an editorial content-driven soccer site using many technologies, including HTML, JavaScript, PHP, XML, JSON, APIs and REST web services.
    - ✓ Increased speed and efficiency of the application to serve over 1 million users per day, with peaks of over 100 requests per second using various caching techniques.
    - ✓ Internationalized and localized for 6 different countries, using a common code-base, to save on maintenance costs and developer time.
    - ✓ Integrated and developed components of the content management system used by editors to create and schedule content on the sites through a common interface.
  - Lead Developer for World Cup and Global Sports projects:
    - ✓ Worked with engineering teams in Bangalore to integrate their content management systems.
    - ✓ Enabled editors from 13 different countries to simultaneously program content on 21 sites.
    - ✓ Saved editors hours by allowing those with multiple sites per region to schedule once and override.
    - ✓ Local Paranoid (Security Analyst) for the Sports division, I reviewed and approved all new features and systems at inception and before launch to assure compliance with best security practices.
- OroLatina LLC Ecommerce Architect/Lead Developer 3/2005 – 9/2007 orolatina.com**
- ✓ Designed and developed the company's secure, e-commerce-driven platform and administration systems, powering the entire enterprise, using PHP, Perl, Apache, and MySQL on Linux.
  - ✓ The sites' scalable design allowed all vertical sites to share data, minimizing maintenance costs.
  - ✓ I integrated the custom cart with various third-party providers, including FedEx and Authorize.Net for shipping and credit card processing.
  - ✓ I was also responsible for the system administration, high-availability and support of this system.
  - ✓ Virtualized all of the services onto the Amazon Web Services Cloud to save over \$6,000/year.

## E D U C A T I O N

### **Bachelor of Science Degree in Computer Science and Applied Mathematics**

State University of New York at Albany – Class of 1997

- Minor in Business Administration

MORE PROFESSIONAL EXPERIENCE AND REFERENCES AVAILABLE UPON REQUEST