

# John Parks - Resume 2019

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## Development:

- Web Application Development/Design (HTML5, CSS3/SASS)
- Software Design/Development (API, Microservice)
- ECMA (JavaScript, ES8, jQuery, too many frameworks)
- Node.js (Express, Restify, Clustering/IPC, Messaging, Gulp/Grunt, Mocha)
- PHP7 (Laravel, Symfony, Composer, WordPress)
- Database (MySQL, PostgreSQL, SQLite, Redis)
- Browser Extensions, Office Add-ons (UIX Overrides, Competitor Pricing Aggregates, "Affiliatization")
- Development Tooling (Git/SVN, GitHub, GitLab, BitBucket, Vagrant)
- Scraping/Web Automation (Google Puppeteer, Browserless HTTP, Webdriver)
- eCommerce (Stripe.js, PayPal, UPS, FedEx, USPS, Affiliate Networks, Subscriptions)

## DevOps:

- Linux/Unix (Primarily Debian and Ubuntu)
- AWS (Certified Solutions Architect - Associate #255285)
- Database Administration (MySQL, PostgreSQL, SQLite, Redis)
- Docker
- Nginx/Apache2

## Security:

- PCI DSS Compliance, OWASP
- Authentication (OAUTH2 w/Custom Grants, Social-sign on, Multi-tenancy)
- Web Application/Environment Auditing
- Incident Response/Investigation

## Graphics:

- Adobe Photoshop (Web Asset Creation, Interface Design/Mock-ups, Photo Rework/Restoration)
- Adobe Illustrator (Web Asset Creation, Logo Design, Branding)
- Adobe Lightroom (Photo Catalog Management, Live Shoot, Photo Rework/Restoration)

## Business Intelligence:

- ELK Stack (Elastic Search, Logstash, Kibana)
- Grafana
- InfluxDB/Telegraf
- Graphite/StatsD, Datadog
- Loggly, Splunk
- Google Analytics/Tag Manager

## Experience »

### Consulting Software Engineer

*(San Diego, California 2012 to present)*

- Launching a startup in the Internet serviceability space (more information to come on launch!)
- Currently developing distributed web automation, scraping, and automated human-computer interaction solutions to simplify complex business workflows

### Rakuten - Ebates Inc.

*Senior Software Engineer (San Diego, California 2015 to 2019)*

Ebates, acquired by Rakuten in 2014, is an online cash-back rewards solution that shares affiliate commission from eCommerce sales back with it's users.

- Technical lead for initial PCI DSS compliance audit, remediation, and certification; developed high-availability/multi-tenant authentication server based on OAuth2 which handles every Ebates (and Ebates subsidiary) user/device authorization
- Developed "Constitution Jobserver" in Node.js which handles headless Chrome instances performing automated product scraping, and eCommerce checkout automation on behalf of our users to maximize the affiliate commission per-sale
- Worked with DevOps and engineering resources to consolidate our services/applications from internal datacenters and disparate server colos onto AWS (EC2, SQS, S3, etc.)

### Leepfrog Technologies

*Software Developer (Iowa City, Iowa 2012)*

Leepfrog builds and supports course catalog, scheduling, and curriculum management solutions for over 200 higher-education institutions worldwide.

- Developed and maintained collegiate course catalog publishing solutions utilizing proprietary JavaScript CMS platform "CourseLeaf" for institutions including Cal Poly and Auburn University
- Helped improve and automate course import solutions from Oracle PeopleSoft and Banner student information systems to streamline initial project development and client on-boarding
- Developed modern JavaScript/HTML5 browser-based interoffice IM solution on unique legacy BBS platform "Gestalt"

### Metro Studios

*Development Manager, Senior Developer, Director IT & Server Administration (Hiawatha, Iowa 2007-2011)*

Metro Studios is a creative services agency that specializes in multimedia web marketing.

- Developed custom web application, e-commerce, and website solutions for over 40 projects
- Played a key role in scaling the company web department from three members (one marketing expert, one designer, and myself as the first developer) to 10 (account managers, project managers, developers, marketing experts, designers, etc.)
- Managed small team of application developers through implementing code reviews, Git version control, and strict specification/documentation guidelines