OLIVER BEATTIE

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An eager web developer with extensive experience of Python and web technologies, looking for a fast-paced, challenging position in a customer-focused company.

EMPLOYMENT

Blue Lava Technologies, Honolulu, HI   Web Developer   *January 2008–June 2009*

Blue Lava Technologies is an internet start-up based in Honolulu, Hawaii, building iLovePhotos, a Python/Django-based photo sharing platform that integrates facial detection and granular, private sharing. At Blue Lava, I was part of a three-person team, responsible for the design and implementation of the web platform. Notable achievements included:

- Implementing a site-wide message queue system for background tasks with RabbitMQ
- Designing and building the site's "Channels" feature, which automatically broadcasts photos matching specified criteria to digital photo frames, iPods & iPhones, and Apple TV devices
- Building the site's "Mission Control" functionality, including detailed user statistics
- Designing many of the models, including a private, granular sharing system and an efficient news feed currently operating across thousands of user accounts
- Working with many site components that rely heavily on Amazon Web Services (S3 and EC2)
- Building a database migration and deployment toolkit, which is used to automatically and reliably deploy new versions of the site across many servers with no downtime
- Co-designing and implementing the iLovePhotos visual identity
- Rapidly iterating on site features, using Scrum

SchoolRack, Los Angeles, CA   Web Developer   *February 2008–November 2008*

I worked as a contractor for SchoolRack, a web application for teachers, students and parents to communicate outside the classroom. I designed and implemented the billing, premium subscription, user messaging, email notification and discussion board components. These are currently in use on tens of thousands of accounts.

SKILLS

- Python, Django
- SQL, SQLALchemy (and Django integration)
- AMQP, RabbitMQ
- XMPP, Jabber
- Memcached, Squid
- PHP
- Amazon Web Services (S3, EC2, SQS)
- Git, Subversion, Mercurial, Bazaar
- OpenID, Facebook Connect

- Web services integration
- API design and development, OAuth
- JavaScript, (X)HTML, XML, CSS, AJAX
- Linux administration (Ubuntu/Debian), Shell
- Apache, nginx, FastCGI
- MySQL, PostgreSQL, PostGIS
- Agile development practices (Scrum)
- Adobe Photoshop, Illustrator, InDesign
- Unit, functional and regression testing

CONTACT DETAILS

I can be reached by email to oliver@obeattie.com, or by telephone on 07515 357718.