Aleck Landgraf

VP of Software Development for Building Energy Inc., a $6 MM startup based in Portland, OR

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EXPERIENCE

Building Energy, Inc.   Portland, OR 2012-Current

VP Software Development

· Software development

·   Managed development for over $2 MM contracted web application deliverables to the US DOE and similar focused non-profits to grow energy efficiency benchmarking and reporting on a national scale with a team ranging for four to twelve persons.

·   Architected and implemented applications and platforms scaling to thousands of customers including enterprise class customers like the City of San Francisco, Boulder, and large scale architecture and engineering firms like DLR Group.

·   Ensured quality of code though Continuous Integration, automated deployments, documented infrastructure, and an architecture design processes (i.e. Google's Design Review process) for major features and new projects.

·   Led hiring of developers and built an amazing team.

·   Adopted best-of-breed technologies to aid in developer recruitment, speed and quality of feature releases.

·   Averaged between 20-30 hours of week of coding

Indie Energy   Evanston, IL 2011-2012

Solutions Engineer

· Software development

·   Python, Django, development and integration of the Smart Geothermal web application as part of a development team

·   Provided application support, bug fixes, and new features. Prototype new technologies with R&D team

·   Added internationalization support for a smart geothermal and building management systems monitoring application

- Sales Support
  - Primary point of contact for software solution sales
- Project Management
  - Main system administrator for web deployments

SMS Systems Maintenance Services INC   Chicago, IL 2005-2011

Systems Engineer

- Sole web developer and system administrator for the Midwest region
  - Built an internal CMS with web interface for 100+ engineers across the company
  - Created and deployed an internal search engine for OEM documentation
- Managed 100+ accounts, providing hardware and software support on multiple platforms (IBM, HP, SUN, DEC, CISCO, EMC, Hitachi).
- One of four engineers companywide providing end user UNIX software support
- Team Lead for local server relocations

SOFTWARE

- Programming languages: Python, JavaScript
- Web frameworks & technologies: Django, Flask, Bottle, Angular JS, React
- Python and JS dev tooling: fabric, ansible, gulp, webpack, docker (django-compressor and whitenoise)
- PaaS: Heroku, Rackspace, and various Amazon Web Services: RDS, Elaticache, EC2, S3, VPC
- System Administrator: Solaris, various Linux distributions (Red Hat, Ubuntu, CentOS, ESX), Windows 2003 server, 2008 server,
- Databases: PostgreSQL, MySQL, Elasticsearch
- Really good at: Debugging python and JS web applications, I've even given a talk about it

PERSONAL PROJECTS & PRESENTATIONS

Projects

- Garden moisture and watering system: https://github.com/alecklandgraf/gardenio
- Comments or chat interface in AngularJS: https://github.com/alecklandgraf/be-comments

Presentations

· PDX Python User Group presentation slides: [Using PostgreSQL for Unstructured Data](#)
· OSCON presentation slides: [Using Elasticsearch for Data Analytics](#)
· PDX Python User Group interactive slides: [Debugging for Humans](#)

EDUCATION

Ohio State University

B.S. Electrical and Computer Engineering, June 2005