Bryan B. Praditkul

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https://github.com/bbpraditkul (code and portfolio presentations)

Summary

A DevOps leader with over 18yrs in the industry managing, automating, and optimizing linux infrastructures from 100-7200 instances in containerized, bare metal, and cloud implementations. Drives for a positive customer experience by championing SDLC consistency and reliability within the organization through build and deploy automation, multi-faceted monitoring, and high-engagement cross-functional team collaboration.

Highlights

- Intimately familiar with a myriad of AWS concepts and services through 5+ years of hands-on use
- Designs and develops continuous build/deployment pipelines, test integration, and actionable metrics
- Growing manager with proven leadership skills to lead a global team of SRE engineers in a DevOps model with the ability to drive cultural change in the organization
- Leverages automation frameworks to improve infrastructure efficiency and consistency in HA infrastructures
- Develops and maintains operations scripts using Python, BASH, and dependent APIs
- Encourages a healthy culture of priority rebalancing, directional pivoting, and cross-team transparency

Professional Experience

Engineering Manager, SRE   *Yelp Inc, San Francisco*   1/29/2018 - present

General Role and Responsibilities
- Partner cross-functionally with infrastructure teams, focused on efficient daily operations, continuous improvement of automated configuration management, observability, and tools development
- Strategize on wargame, failover, and chaos test scenarios geared to improve uptime, reduce MTTR, and instill a consistent positive customer experience
- Lead a balanced 5-person site reliability team through mentoring, performance management, and motivation
- Align work efforts with the larger strategic vision and values, providing the "why" cross-team communication

Individual Projects
- Streamlined the OKR planning process by training and bootstrapping an agile model across the organization
- Led and contributed code to an initiative to improve code quality and consistency

Sr. Engineering Manager, DevOps   *Asurion, San Mateo*   9/1/2016 – 12/29/2017

Notable Responsibilities & Projects
- Collaborated with business teams, cloud and on-premise engineering, and vendors in an agile environment, focused on efficient operation of daily activities, developer empowerment, continuous improvement for CI/CD automation, multi-faceted monitoring, and tools development
- Led a high performing 10-person team over 4 product lines through mentoring, and performance mgmt
- Automated AWS security services across 7 core products in a DevSecOps model
- Championed cost reduction measures in the AWS infrastructure, yielding 12-35% savings across specific services
- United the DevOps organization through roundtables, knowledge-shares, and cross functional collaboration

Special Recognitions
- AWS Certification Solutions Architect (In progress)

Sr. DevOps Engineer (Partial Lead)   *Collective Health, San Mateo*   11/7/2015 – 8/19/2016
(Resign Reason: Company closed facility; relocated)

Notable Responsibilities & Projects
- Managed and enhanced CoreOS Docker containers and other distributions across 250+ instances, 6-environments, 3-account, multi-region/availability zone/subnet AWS HIPAA compliant architecture
- Led the Ops Tooling division (subset of DevOps team responsible for all Corporate tools, HAProxy, etc)
- Maintained and augmented a 6-facet monitoring and notifications architecture for a 99.99% SLA uptime target
- Scrum master and code contributor to the Build & Release scrum team (consistent burn down rate >90%)
- Automated full-stack clustered environments (service discovery config, EC2, DBs, applications, etc)

Special Recognitions
- Recipient of the "Hackathon – Coolest Innovation" award in March 2016
- Selected to be a mentor for junior engineers in March 2016

DevOps Lead (DevOps Eng Promoted)   *Rocket Fuel, Redwood City, CA*   1/5/2015 – 8/15/2015
(Resign Reason: A terminal family medical emergency)

Notable Responsibilities & Projects
- Led a global 9-person team of engineers (3 DevOps and 6 Level1/Level2 NOC operators)
- Implemented infrastructure application bug fixes and bootstrap/kickstart upgrades for 4500+ servers globally
- Implemented a puppet-provisioned 14-node ELK cluster across multiple datacenters; includes manifest class definitions, repackaging libraries and binaries, and erb templated configuration files
- Streamlined AWS implementation, proposed a plan to reduce s3 cost by converting short term OpEx into mid-longer term CapEx, reducing costs by 40% over a 1yr span

DevOps Lead   *Apixio, San Mateo, CA*   4/28/2014 – 12/31/2014
(Resign Reason: 20 employees remained from 55 at signing)

Notable Responsibilities & Projects
- Streamlined a 300+ instance AWS implementation by redesigning their security architecture, instituting improved conventions for fine-grained reporting, and refactoring custom AWS Linux images
- Developed utilities to automate repeated operator tasks, enabling a 2-member team to support the entire Engineering and Corp IT organization
- Strategized to lower overall processing/storage costs of the AWS infrastructure by migrating across regions and leveraging other cost savings techniques. Yielded a savings of 24% annually
- Executed all remediation steps to comply with HIPAA and SOC regulations -- Instituting tighter security controls on builds/deployments, code repository/on-site storage practices, asset access, etc

DevOps Manager (Sr. DevOps Promoted)   *InPowered, San Francisco, CA*   5/27/2013 – 4/18/2014
(Resign Reason: Company shutdown; DevOps and most of Dev/QA headcount reduced)

Notable Responsibilities & Projects
- Leveraged a near-full suite of AWS services to support and manage environments across 1200+ instances for all company offerings; includes stack provisioning, auto scaling, DNS configuration, and monitoring
- Led a distributed 3-person team, managing team focus, project tasks, and process workflow improvement
- Re-architected the infrastructure to multi-region service user requests; Platform uptime improved to 99.97%
- Reduced overall AWS platform costs by revamping the organization's cost/purchase model and implementing an off-hour non-critical component shutdown strategy. For 2013-2014, cost savings: 52%

Special Recognitions
- Recipient of the "Living the Values" award in September 2013

DevOps Team Lead, Channel Marketing   *Intuit Inc., Menlo Park, CA*   10/25/2011 – 5/18/2013
Software Team Lead, Business Operations   *Mountain View, CA*   8/15/2003 – 4/1/2010
Sr. Systems Engineer, Integrated Architecture Services

Notable Responsibilities & Projects
- Led a global 6-person engineering team on 11 of Intuit's Small Business marketing sites and flagship applications
- As the first Operations member of the Channel Marketing team, re-architected and reorganized all monitoring, workflows, asset tracking, run-books, and deployment strategies across the organization
- Spearheaded the monitoring implementation of 183+ Production and QA servers using Nagios/Opsview
- Developed PERL/Bash tools to track the organization's two primary SCMs and insure that changes in the environment are fully vetted. The tool received recognition for improving uptime (99.92% avg.)
- Developed a monitoring system that tested core product and infrastructure availability. The tool was used across organizations to monitor the status of 1100+ business processes. In 2007, decreased customer detected outages by 57%.

Special Recognitions
- Developed a systems monitoring tool (noted above). The project was nominated for the "Scott Cook Innovation Excellence" award in 2004 and the Engineering VP requested that a patent be pursued for the tool.
- Recipient of the Product Development Leadership Award "Inspire Through Action" in 2012

Sr Operations Engineer, Technical Ops   *Brand.net, San Mateo, CA*   2/28/2011 – 10/13/2011
(Resign Reason: To be explained)

Software Engineer   *Kayak Software, Sunnyvale, CA*   4/12/2010 – 1/15/2011
(Entire West Coast division closed; declined relocation package to Concord, MA)

Platinum Apps Engineer, Global Services   *DoubleClick Inc., San Mateo, CA*   7/1/1999 - 8/15/2003

Technical Skills

AWS	EC2, Elasticache, CloudWatch, S3, RDS, Route53, EBS, SNS, SQS, Dynamo, IAM, CloudFront, CloudTrail, Inspector	Monitoring	Logstash, Sysdig, Pingdom, New Relic, Wily, Splunk, SumoLogic, SecurityMonkey, Nagios,
Data Warehouse	Apache Hadoop, MySQL, Postgres, Intuit QuickBase (UI/API), Oracle	Ad/Messaging Email	DoubleClick Adserver, Yesmail, Message Systems, ReturnPath
Languages	Python, PERL, BASH	Cost Management	Cloudyn, CloudCheckr
Container & Virtualization	Docker, VMWare	Build/Provisioning	Jenkins, Ansible, Puppet, CloudFormation, Terraform
Other Cloud	SolrCloud, OpenStack (Trained)	Config Knowledge	Apache, NGINX, Tomcat, JBoss, Git, Confluence, Jira, DynDNS

Education

University of California at Davis - Davis, CA   *Bachelor of Science*, Computer Engineering   June 1999

Activities

Assistant Instructor in Tae Kwon Do (1st Degree Black Belt), Wushu, and Wing Chun   present
Studied in Hapkido and Traditional Thai Kick Boxing   1997-1999