

Robert de Forest

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A Few Of My Favorite ...

Modes	Languages	Technologies
Communicative	CoffeeScript	GNU/Linux
Collaborative	JavaScript	NodeJS
Cooperative	Bash	TCP/IP
Curious	C	AWS

Amazon.com

AWS Perimeter
Protection

System Engineer II
2015 - 2018

- Co-founded the DDoS Response Team
- Built DDoS detection stack in four regions
- Partially automated builds, reducing effort by factor of three
- Covered daytime on call to guarantee timely delivery of a new product

Amazon.com

Payments System
Operations

System Engineer II
2012 - 2015

- Supported Mobile Payments project
- Bake-off and recommendation for DUKPT Hardware Security Modules
- Provided operations support and consultation to development teams
- Worked with third-party developer to deploy their product on AWS
- Supported AS2 payment processor partner communication system
- Trained teammates on how the system works
- Obtained and renewed platform security certification
- Regular on-call duties of Payments SysOps
- Troubleshoot payment processor communication problems
- Support and advise internal development teams
- Co-authored six-pager for moving Payments into AWS

Fred Hutch Cancer Research Center

SCHARP.org

DataFax Administrator
2010 - 2012

- Performed a major software upgrade
- Refactored code defining clinical trial forms
- Adapted form code to take new security model into account
- Corrected and back-filled data reporting automation
- Supported in-house developers of systems extending DataFax
- Recovered from infrastructure issue which caused data corruption

The Walt Disney Internet Group

Three different teams

SysOps Specialist III

May 2002 - May 2010

- Supported engineers and content producers of Disney's web properties
- Assisted in migration from internal Java servlet engines to Tomcat
- Assisted in launches of the Pirates of the Caribbean online game
- Wrote 'How To Be Perfect' document about data center change control
- Installed cabling and servers in newly expanded data center
- Supported internally developed email marketing system
- Re-architected system to reduce cost and increase availability

Three small companies

Santa Cruz, CA

Tech lead, sysadmin,
etc.

1996 - 2002

- Desktop/server/network/hardware operations for
- Got.net, an ISP with 2500 dial-up and web hosting customers
- Coast Commercial Bank with six branches
- Tapestry.net, a dot-com startup with 60 employees

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