




SAMANTHA LIN

NEW RELIC DEVOPS ENGINEER


CONTACT

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Hartford, CT 

[LinkedIn](#) 

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EDUCATION

Bachelor of Science

Computer Science

University of
Connecticut

2012 - 2016

Storrs, CT

SKILLS

Mercurial

Travis CI

OpenShift

Chef

Grafana

Microsoft Azure

Pulumi

Bash

Trello

JUnit

WORK EXPERIENCE

New Relic DevOps Engineer

Travelers

2023 - current / Hartford, CT

- Optimized Mercurial repositories, resulting in a 43% improvement in version control speed
- Automated deployment pipeline using Travis CI, cutting deployment time by three hours per release
- Formulated a comprehensive Chef configuration strategy, reducing server configuration drift by 12 incidents monthly
- Coordinated cloud infrastructure deployment on Microsoft Azure, improving server scalability which contributed to annual **cost savings of \$74,088**

Database Administrator

Infosys

2019 - 2023 / Hartford, CT

- Formulated an automation process using PowerShell scripts for daily database health checks, saving 22 hours per month in manual labor
- Created a centralized Grafana dashboard for database performance metrics, reducing troubleshooting time by two hours per incident
- Developed JUnit test cases to validate database scripts, **expediting manual testing by 14 hours per release**
- Collaborated with four cross-functional teams using Trello to manage database change requests and maintenance

Build Engineer

General Electric

2016 - 2019 / Fairfield, CT

- Established custom Bash scripts to automate the build and deployment process, saving the engineering team over 16 hours of manual work each week
- Deployed and managed OpenShift clusters, improving build consistency across environments and **slashing errors by four incidents** per week
- Managed infrastructure with Pulumi, cutting manual work by 52 hours per month and ensuring environmental consistency
- Used Mercurial for version control, enabling smooth collaboration between distributed teams across four projects