

Kyri Vanderpoel

Denton, TX 76201
817-492-6921
vanderpoel.kyriay@gmail.com



Summary

I am a Software Engineer that blends cutting edge cloud technologies, strong Computer Science fundamentals, and pragmatic design to deliver efficient solutions on a global scale. I excel at architecting and implementing systems in a fast-paced environment to meet the requirements of multiple, distributed teams. I am passionate about open-source software, and I always look for opportunities to implement it into maintainable, highly scalable solutions.

Experience

Cloud Automation Engineer, Citrix Systems (GSO)

Ft. Lauderdale, FL - 2017 - Present

The Global Security Operations (GSO) team is responsible for security operations across all Citrix Cloud Services. GSO provides security and architecture consulting, security automation, and security monitoring for Citrix's product engineering teams.

- Developed and implemented applications that automated manual workflows, reducing the operational budget for the team.
- Created solutions to obtain and report on data unavailable through limited vendor APIs.
- Reduced database hosting costs by 90% by transitioning hosted MySQL databases to DynamoDB.
- Spearheaded the adoption of AWS Lambda to decrease the size of the architecture team by eliminating the need to manage infrastructure.
- Implemented custom integrations between vendors to produce thousands of actionable security events that fed into a centralized logging platform.
- Leveraged open-source software to diminish cost while auditing hundreds of accounts across three cloud service providers.

Integrations Engineer, System Medical Information Systems

Denton, TX - 2014 - 2017

System Medical is an IT company that focuses on serving healthcare clients by delivering custom electronic health records solutions, as well as general IT support. System is a driving force in healthcare automation, leading patients and doctors to more positive outcomes.

- Engaged in an ongoing dialogue with customers to deliver custom EHR solutions tailored to the needs of their patients.
- Leveraged SQL and stored procedures to automate tedious tasks that doctors were performing manually.
- Led a team of engineers to integrate System's business management system and sales software to eliminate duplicate data entry tasks.
- Automated the monthly rotation of passwords for clients with vendor hosted email, eliminating dozens of hours of work monthly.

Education

University of North Texas

Computer Science, B.S. Candidate - 2011-2017

Completed coursework that covered Computer Science fundamentals, from Software Development to Algorithm Analysis to Operating Systems benchmarking, alongside rigorous Philosophy and Technical Writing courses.

Skills

- Programming: Python, JavaScript (ES6, Node), TypeScript, Go, Ruby, C++, C, Emacs LISP, zsh, bash
- Certifications: AWS Solutions Architect Associate (May 2017), AWS Developer Associate (June 2018)
- Distributed Version Control: Git, SVN
- Operating Systems: Ubuntu, Debian, Windows, ArchLinux, OSX
- Databases: DynamoDB, PostgreSQL, MySQL
- Automation Services: CloudFormation, CodePipeline, CodeBuild
- Security Services: IAM, STS, WAF
- Storage Services: S3, ElastiCache, Amazon RDS
- Application/Compute Services: EC2, ELB, Lambda, API Gateway, ECS, ECR, SNS, CloudWatch Events, SQS, SWF, Route53
- Frameworks: Flask, Django, Express, Serverless Framework, React
- CI/CD:: Docker, Coveralls, TravisCI, CircleCI, InChCI
- JavaScript Build Tools: Webpack, Rollup, Gulp, Babel
- Miscellaneous: Agile (SCRUM), Test-Driven Development (TDD), Serverless Application Model (SAM)

References

References are available upon request.