

Kevin Wong

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EXPERIENCE

Nielsen

Software Engineer

Oldsmar, FL

September 2020 - Present

- Led the design, development and pitching of a multi-stack GoLang application for Nielsen Platform services, automating onboarding and management workflows for 100+ teams resulting in 80% reduction in support requests
- Developed an end-to-end GitLab Runner automation system, enabling 50+ teams to independently provision runners for CI/CD pipeline execution, resulting in over 1000 daily runner jobs
- Engineered and enhanced key features in permissions management and auditing web application (ReactJS frontend, Spring Boot backend), simplifying task management and significantly boosting overall functionality
- Implemented a monitoring and alerting system using Prometheus and Grafana across Amazon EKS clusters, deployed through Helm charts to enhance system reliability and enable proactive issue resolution
- Automated the process for teams to independently request and create Apache Spark clusters in AWS, streamlining deployment and reducing the need for manual intervention
- Provided support and optimizations for multi-tenant EKS clusters and accounts, leveraging Terraform and Terragrunt, for use in data collection, processing, and analytics services
- Delivered on-call support to swiftly resolve application issues, ensuring seamless operations and minimal downtime

University of Florida

Junior Programmer

Gainesville, FL

May 2018 - August 2020

- Deployed and managed Oracle, PostgreSQL, and MySQL databases to support over 5,000 active users in the Computer Science Department
- Designed and developed a Django web application allowing students to manage database accounts

EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science

Atlanta, Georgia

January 2020 to December 2023

University of Florida

Bachelor of Science in Computer Science

Gainesville, Florida

August 2014 to December 2018

SKILLS

PROGRAMMING LANGUAGES: Python, Go/Golang, JavaScript, Java, YAML, HTML, CSS, SQL, C#

TOOLS/Frameworks: AWS, Terraform, ReactJS, PostgreSQL, Apache Airflow, Apache Spark

ORCHESTRATION: Kubernetes, Gitlab, CI/CD, Docker, Helm