

Career Profile

Computer Science professional with experience in Web Application/Microservices Development, Serverless Development, Tool Development, System Administration, and over 5 years of project management. Skilled in the release and support of new products and developments. Very organized and innovative and ready to provide an efficient approach to solving problems and expanding business.

Skills

- Java
- Scala
- Python
- Go
- TypeScript/
JavaScript
- SQL/NoSQL
- Node.js
- Angular
- React
- Material UI
- Ansible
- Akka
- Kafka
- Play Framework
- OpenAm
- Auth0
- AWS
- Project
Management
- HTML/CSS
- Git
- Linux/UNIX/Mac/
Windows
- Fluent in English
and Spanish, both
written and
spoken

Employment

Allegion

Senior Software Engineer

Jun 2023-Present

- Design, develop, and maintain software solutions for new and existing products.
- Demonstrate best practices in engineering using Node.js, Typescript and JavaScript.
- Programmatically manage, observe, and monitor AWS infrastructure.
- Work closely with product management to understand requirements and translate them to elegant implementation.
- Communicate, collaborate, and work effectively with domestic and global teams software teams.
- Write outstanding code demonstrating best practices in test driven development (TDD) using tools such as Jest.
- Help drive efficiency and predictability for the team's productivity and velocity.
- Combine scalable, event-based architecture with serverless technologies to create cost-sensitive solutions for IoT use-cases.
- Be an advocate and mentor of best practices (TDD, application monitoring, development techniques, testing, security, agile methodologies, etc.)

Ultimate Software/Ultimate Kronos Group

Principal Software Engineer

Feb 2020-Jun 2023

- Develop Identity applications which implement OAuth2/OIDC/SAML authentication through OpenAm and Auth0. Applications are built using Java, Go, and Angular.
- Collaborate in architectural designs and planning for upcoming features.
- Create and deploy Visibility and Team enablement tools to manage deployments and builds using Angular, Golang, Mongo and Redis.
- Develop traffic emulator with custom circuit breaker implementation to validate real-time loads on new environments.
- Migrate the concourse CI pipeline orchestration engine from PCF to stand alone VM using Terraform, Ansible and Golang.
- Configure application deployment pipelines.

- Help setup different internal teams to enable integration with our application and assist with the testing of major upcoming versions.
- Perform regular code reviews within the team to ensure high coding standards.

Norwegian Cruise Line Holdings Ltd.

Sep 2017-Jan 2020

Lead Application Developer – Architectural Lead

- Lead a team of 3 developers and 1 QA in an agile environment. Establishing coding standards and best practices for the team.
- Develop Scala applications/Microservices for the web. Applications are built using Scala with Play Framework, Akka, and Angular.
- Develop and integrate different layers of services to export/import data to all the NCL fleet.
- Develop Kafka pipelines to handle web events.
- In charge of architectural designs for new applications/services.
- Create and maintain Ansible playbooks for the provisioning/deployment of applications and services.
- Troubleshoot and debugging level 2 issues within the applications.

TracFone Wireless

May 2015-Sep 2017

Associate Core Application Support - Jr Java Admin

- Deploy JAVA/J2EE based applications to a variety of Application servers, including BEA Weblogic, IBM Portal/Commerce, and Oracle SOA.
- Develop GUI tools to port functionality from UNIX based environments to a web-based interface, implementing Java, JavaScript, AJAX, HTML and CSS. This increased productivity by providing a one-pane view of the systems with embedded functions to control each process/server.
- Develop monitoring tools to provide live health checks for a three-tier architecture system. These tools are distributed to different departments to enhance the monitoring across environments.
- Develop shell scripts for server monitoring, control, and automation.
- Configure Java environments, and JMS queues to provide communication between TracFone servers and carrier Java APIs.
- Automate code deployments using Anthill Pro, CA IT-PAM, and CA Autosys.
- Monitoring production and test environments.
- Troubleshoot environment issues with tools such as Splunk, creating system alerts and dashboards. This was complemented with tools such as Introscope and Alertsite.
- Mentored all the junior members of the team.

Dade County Federal CU

Feb. 2008-May 2015

Project Coordinator

- Responsible for overseeing different projects within the credit union.
- Plan and evaluate the completion of project objectives.
- Implement productivity standards when allocating resources.
- Projects range from ATM installations to new branch set-ups; this includes researching and maintaining system controls.
- In charge of testing new product implementations.
- Maintain constant contact with vendors and other project teams.

Education

Florida International University - Miami, FL
Bachelor of Science in Computer Science
Software Development Track