WALT MOORHOUSE

walt.moorhouse@gmail.com

SKILLS

Programming Langs
C/C++
Dart
Go
Java (Modular)
Python
Rust
Swift
TypeScript / JS

Cloud Services
AWS
Azure
DigitalOcean
Google Cloud
Heroku
OpenShift

DevOps
BitBucket Pipelines
GitHub Actions
GitLab Pipelines
Jenkins
TeamCity
Terraform

Frameworks
Angular Dart / JS
Flutter
Knockout
Pug/Jade
Thymeleaf
React / React Native
Spring Boot
Spring Data
Spring Security
WebFlux (Reactive)
WebSockets

PROFILE

Full Stack Software Engineer / Architect with over 20 years of software development experience in a variety of industries including fashion, manufacturing, travel & hospitality, retail, grocery, financial, and telecommunications. Experienced in Research and Development environments. Experienced in the integration of new vendor systems with existing systems. Expert in Java and web based systems. Familiar with common Apache Open Source projects. Adept in migrating old systems to cutting edge Cloud technologies and creating connections to legacy systems. Experienced in Cloud Native and Mobile App development. Experienced in IoT sensor design/manufacture. Able to communicate with customers and all members of the business to pre-qualify project needs and to manage expectations in order to increase the life cycle of the product. Able to work as an architect, team leader, or working with other engineers as part of a team to accomplish even the largest IT projects. Ability to quickly learn new frameworks, technologies, or tools in order to stay on schedule.

RECENT EXPERIENCE

Cloud SME for IoT, Kroger Labs; Portland, OR —   2022-Present

- OKR Result Owner

- Coordinated with business stake holders to determine future needs for IoT devices and infrastructures.

- Worked with CIS to determine security requirements for infrastructure.

- Worked with Store and Networking teams to determine limitations of the network.

- Architected a cloud messaging infrastructure using MS Azure that processed data in the cloud and worked with In-Store Java solutions.

- Architected and developed In-Store Java Server to process IoT Messages when Cloud was unavailable due to network outage.

- Worked with Electrical Engineers to create a secure provisioning system and other device security and authentication protocols, as well as OTA firmware updates and Device to Cloud messaging.

- Worked with Chemists and Electrical Engineers to write NFC drivers so Kroger iOS/Android Apps can talk to custom food safety sensors wirelessly.

- Convert proprietary mathematical algorithms into Java microservices.

Advanced Software Engineer, Kroger Tech; Portland, OR — 2018-2022

- Worked with architects to help design the Customer Service Orchestration Layer to help ensure a seamless experience for both customers and the associates helping them.

- Helped pioneer Kroger's move to cloud native Azure, with Node functional apps and Infrastructure as Code using Terraform and Azure DevOps Pipelines.

- Designed and built Full stack solutions (including backend micro services in Java, A layer in NodeJS, and UI in React) for customer facing applications, as well as internal only applications.

- Interviewed potential new team members.

- Mentored Junior team members.

- Taught "Lunch and Learn" sessions to my and other teams and technology topics.

- Worked with internal tools team to design systems to improve the quality of life for our fellow developers.

Engineering Team Lead, Chrome Data Solutions; Portland, OR — 2016-2018

- 7 Onshore Direct Reports: 1 Sr Architect, 1 Sr Build Engineer, 3 Sr Developers, 2 Intermediate Developers

- Managed Offshore resource team that fluctuated based on project load.

- Worked with the Product Team to schedule engineering work and plan resourcing.

- Worked with Sales and Support to determine work with the best overall value to the company.

- Lead development of new products and infrastructures that would benefit the end customers.

- Worked with various teams and divisions to ensure that the data products we offer our customers meet their (and our) expectations.

- Met with customers to understand their issues, and designed solutions to the discovered issues.

- Worked with Sr Quality Engineers to automate processes that were repetitive and time-consuming, so that their energy could go into other areas of testing.

Prior Work History — 2000-2016

In order to prevent this resume exceeding 2 pages, prior work history can be found in the full work history at https://resume.waltmoorhouse.com/workhistory.pdf