

ALLEN RUIZ

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Portfolio: <https://asruiz86.github.io/>

SUMMARY

Seasoned U.S. Navy Veteran with robust background as a full-stack software engineer at General Motors, specializing in e-commerce applications. Demonstrates proficiency in multiple programming languages such as JavaScript, TypeScript, Java, and Python, and expertise in frameworks like Angular, React, and Next.js. Adept at leveraging cloud platforms (Azure, AWS), DevOps tools (Docker, Kubernetes), and database management systems (Redis, Oracle, PostgreSQL). Passionate about innovative coding and software development for future-ready solutions.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python, Bash.
- **Event Streaming:** Kafka.
- **Agile Methodologies:** Safe Agile.
- **Tools and Platforms:** Azure, AWS (ECS S3 Bucket), IBM WebSphere, Spotify Backstage, Terraform, AutoSys, Kubernetes, Docker.
- **Frameworks/Libraries:** Angular, React, Redux, Next.js, Quarkus, Spring Boot, Docusaurus.
- **Database Technologies:** Redis, Oracle, PostgreSQL.
- **Version Control:** Git.
- **DevOps and CI/CD:** Pipeline automation, Infrastructure provisioning.

PROFESSIONAL EXPERIENCE

GENERAL MOTORS SOFTWARE ENGINEER

March 2021 – Present

Led the redesign of GM Global Design System website, transforming it into a single-page application using Angular v11.1. Spearheaded the implementation of key design changes for the GM Parts eStore, developed auto-fill functionality for the eStore checkout process using React/Redux, and created an abandoned cart email feature that automated file transfers via AWS. Developed a Next.js Event Bridge controller application, integrated health endpoints for the Event Bridge Quarkus application, and migrated multiple Spring Boot applications to Azure, utilizing Docker and various database.

PROJECTS:

GM Global Design System Website Redesign

- Updated and redesigned the GM Global Design System website into a single-page web application.
- Utilized Angular v11 to collaborate with a select group of new college hires.
- Implemented significant design changes based on the GM Global Brand Design System.

GM Parts eStore Mid-Launch Design Changes

- Worked on the GM Parts eStore mid-launch phase to implement key design changes.
- Applied the GM Global Brand Design System for the redesign.
- Completed the Safe Agile GM eStore training.

Auto-Fill Functionality for GM eStore Checkout

- Developed auto-fill functionality for Step 1 of GM eStore's checkout process.
- Utilized React/Redux for state management.
- Implemented the feature for both the Parts and Accessories sites.

Abandoned Cart Email Feature

- Researched, designed, and implemented the Abandoned Cart Email feature.
- Collaborated closely with GM eStore Architects for design and research.
- Developed a custom HCL Action that creates a .csv of abandoned carts using IBM WebSphere and Java.
- Created a Bash script to establish an AWS connection and transfer the abandonedCart.csv file to an ECS S3 Bucket.
- Set up multiple AutoSys Jobs to automate the file transfer and start the Abandoned Cart Spring Boot application.
- Helped develop the Abandoned Cart Email Spring Boot application.

Event Bridge Controller

- Developed a Next.js application to create an Event Bridge controller.
- Designed and implemented a display system for Event Bridges to showcase data usage.
- Utilized Azure for data storage and management.

Health Endpoints for Event Bridge Application

- Created health endpoints for the Event Bridge Quarkus application.
- Developed and integrated health check endpoints to monitor application status.
- Ensured reliable and efficient health monitoring of the application.

Migration of Spring Boot Applications to Azure

- Implemented the migration of multiple Spring Boot applications to Azure.
- Manually updated applications to Spring Boot 2.7^.
- Utilized a shimming application to automate the updating process through configuration changes.
- Managed diverse applications utilizing Redis, Kafka, and transforming databases from Oracle to Postgres.
- Utilized docker to build applications locally for troubleshooting.

Spotify Backstage Templates for Pipeline Automation

- Learning and utilizing Spotify Backstage to automate development processes.
- Created templates that automate pipeline builds and Azure infrastructure provisioning.
- Streamlined development workflows to improve efficiency and consistency.

Custom Backstage Component for Entity Selection

- Developed a custom component, PromotionScenarioPicker, using React and Material-UI within Spotify Backstage.
- Leveraged Backstage's plugin-scaffolder and catalog APIs to interact with and manipulate catalog entities.
- Dynamically displayed a list of unique promotion scenarios from the Business-Unit Entity list of arrays(spec.environment.supportedPromotionScenarios), ensuring only unique titles were presented to the user.
- Enhanced the Backstage interface, improving the efficiency and user experience of selecting promotion scenarios.

DocuSaurus Documentation Site for Migration

- Developed a documentation site using DocuSaurus.
- Focused on documenting the migration process from PCF to Azure.
- Created clear, comprehensive, and user-friendly documentation to support the migration effort.

MY COMMUNITY CREDIT UNION IT HELPDESK TECHNICIAN

August 2018 – March 2021

- Install/Maintain Software and Hardware; Troubleshoot software/hardware and database issues.
- Setup and configure PowerOn scripts for customizing/formatting Quest, our Core Software for banking.
- Created and maintained the company Intranet page utilizing React framework.
- Run/Create custom PowerShell scripts for data transfers, database updates, and PC maintenance.

ACADEMY SPORTS & OUTDOORS CUSTOMER SALES ASSOCIATE

July 2016 – August 2018

- Assisted customers with locating products, providing product information, and making purchasing decisions to ensure a positive shopping experience.

- Maintained knowledge of current sales and promotions, policies regarding payment and exchanges, and security practices.
- Processed transactions accurately and efficiently using point-of-sale (POS) systems, handling cash, credit, and debit payments.
- Organized and replenished merchandise on the sales floor and in stockrooms, ensuring displays were visually appealing and well-stocked.

NATIONAL OILWELL VARCO
FIELD SERVICE TECHNICIAN

November 2014 – July 2016

- Provided on-site technical support to customers at oilwell locations, ensuring efficient operation and addressing any issues promptly.
- Installed and troubleshooted sensors for drilling monitoring systems, ensuring accurate data collection and system functionality.
- Installed and troubleshooted comprehensive drilling monitoring systems, maintaining optimal performance and reliability.
- Conducted regular maintenance and inspections of equipment to prevent downtime and ensure safety standards were met.

UNITED STATES NAVY
AVIATION ELECTRICIAN'S MATE

Dec 2006 – November 2014

- Nominated as Aviation Electrician of the Year in 2012.
- Performed maintenance, repair, and troubleshooting of electrical systems and components on EA-6B and EA-18G aircraft.
- Conducted pre-flight and post-flight inspections to ensure the operational readiness and safety of avionics and electrical systems.
- Installed and maintained wiring, lighting, power distribution, and instrument systems, ensuring compliance with technical manuals and safety regulations.
- Collaborated with other aviation maintenance personnel to diagnose and resolve complex electrical issues, ensuring minimal downtime and mission readiness.
- Performed First Class Petty Officer duties as a Second Class Petty Officer Quality Assurance Representative.
- Received Collateral Duty Inspector qualifications as an Aviation Mechanic, Aviation Ordnanceman, Aviation Electronics Technician, Aviation Structural Mechanic - Survival Equipment, and Aviation Structural Mechanic.
- Guided 12 work centers in the performance of aircraft maintenance by utilizing proper safety standards and Naval Aviation Maintenance Procedures.
- Effectively corrected over 500 maintenance discrepancies, devoting over 2,600 man hours.

AWARDS

- Navy and Marine Corps Achievement Medal
- Navy Good Conduct Medal
- National Defense Service Medal
- Global War on Terrorism Expeditionary Medal
- Global War on Terrorism Service Medal
- Afghanistan Campaign Medal
- Navy "E" Ribbon
- Sea Service Deployment Ribbon

EDUCATION

B.S. in Computer Science, University of Texas Permian Basin

August 2016 – May 2020