

# Kyle Kerlew

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## EXPERIENCE

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**Astadia - Naval Air Systems Command**, Jacksonville, FL

June 2022 - Present

Software Developer

- Implement REST and Message Queue-based applications in Java using the Spring Framework
- Create and update Oracle database schemas via DDL/DML SQL scripts
- Effectively review Pull Requests for Vue JS and Java Spring applications
- Manage build and deployment of images to Artifactory via Jenkins
- Use Behavior Driven Development and Test Driven Development approach to write Unit, Integration, and Behavior tests using JUnit and Cucumber

**Inventory Source**, Jacksonville, FL

October 2021 - June 2022

Software Developer

- Navigated various AWS services (Elastic Beanstalk, Cloudwatch, EC2, S3, etc.) to investigate failures in the various automated pipelines including CI/CD
- Executed DML/DDI scripts against various databases as needed to architect database structures and solve data-related bugs. Database used: Postgres
- Created technical design documents overviewing both frontend and backend business requirements and technical details
- Completed development tasks using front and backend frameworks including Vue and the Spring Framework
- Reduced average time of bug resolution from 10 days to 5 days

**O'reilly Auto Parts**, Remote

February 2021 - October 2021

Software Developer II

- Used deep understanding of Java language to identify and resolve production bugs
- Diagnosed and treated errors occurring in Linux Server systems with running Tomcat Servers
- Served as support resource for all issues that occur in production systems to keep stores running
- Executed DML/DDI scripts against various databases as needed to resolve data-related bugs
- Investigated data issues in Postgres and MySQL databases
- Utilized Atlassian products (Jira, Confluence, etc.) to track and complete tasks and bugs

**Florida Blue**, Jacksonville, FL

June 2020 - January 2021

Full Stack Developer

- Develop and maintained multiple Java Spring Boot applications and React JavaScript applications
- Configured CI/CD pipelines using Jenkins and GitLab CI/CD to deploy to RedHat Openshift
- Managed database scripts using Liquibase for Postgres Databases
- Organized and maintained backend dependencies with Gradle
- Effectively styled web pages using CSS3
- Effectively implemented J2EE technologies such as Java Servlets and Java Servlet Pages with Spring MVC
- Employed the use of Java 8+ additions such as lambdas, functional interfaces, and default methods
- Used popular Java Message Queueing technologies for application communication such as Apache Kafka
- Collaborated with team members to discuss project architecture, flow, and business requirements while using Agile methodology to complete tasks
- Wrote Dockerfiles to manage containerized deployment configurations
- Employed the use of ELK (ElasticSearch, LogStash, Kibana) stack to manage and visualize claims data

**Transcor Data Services**, Jacksonville, FL

January 2019 – June 2020

Full Stack Developer

May 2019 – June 2020

- Effectively maintained various Microsoft SQL, Postgres databases, and MongoDB, running and creating DDL/DML as needed
- Configured CI/CD pipelines using Jenkins to deploy to Google Cloud Platform (GCP)
- Managed Apache Tomcat web servers run on Linux machines
- Facilitated application-to-application communication with Rabbit Message Queueing (RabbitMQ)

- Partook in agile sprint planning and retrospectives to analyze tasks to be completed and determine better ways to complete sprint work
- Utilized J2EE 7+ technologies such as JSR353 for enterprise bus applications
- Develop and maintained 20+ front and back-end microservice applications written with React JavaScript/TypeScript and Java Spring Boot
- Efficiently developed Android and iOS applications written in React Native using tools like Android Studio and Xcode
- Created Dockerfiles to manage deployment configurations
- Effectively styled web pages using CSS3

Automated QA Engineer

January 2019 – May 2019

- Performed automated testing by executing collections of HTTP requests to REST structured APIs
- Created 150+ automated tests scripts using JavaScript to ensure proper JSON responses
- Coordinated with a team of developers to ensure proper deployment of environments to Google Kubernetes Engine

## **EDUCATION**

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**Year Up / Florida State College**, Jacksonville, FL

Graduated December 2017

Business Track

- Year Up is a leading one-year career development program with 250 corporate partners around the country; the program includes college-level courses, professional training, and a six-month internship
- Developed an understanding of skill sets and traits necessary to achieve success in a corporate environment
- Served as Co-Chairman of the Student Leadership Council
- Received Chris Mello Award for Leadership and Florida Congressional Recognition of Excellence

**Florida State College**, Jacksonville, FL

Graduated August 2018

Computer Science, Associates of Arts Degree, with honors

- Relevant courses: Visual Basic, C programming, Object Oriented programming, C++ programming, Java Programming, Software for Business

## **VOLUNTEER EXPERIENCE**

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**Year Up Jacksonville - Student Leadership Council**

February 2017 - December 2017

Co-chairman

- Presented vital information and opportunities to over 50 students, increasing student success and participation
- Formulated budget proposals, coordinated with Year Up staff and college administration to organize events
- Served as a liaison between staff and students to effectively solve site problems

**Florida State College at Jacksonville, Student Government Association**

January 2017 – January 2018

Student Liaison

- Served as primary means of communication between the Student Government Association (SGA) and the student body
- Worked closely with the other members of SGA and college staff to address student concerns
- Assisted in execution of organized and consistent meetings for members and students to attend

**Service Works - HandsOn Jacksonville**

January 2017 – September 2017

Skills Building Mentor

- Provided quality education and opportunities delivered by the Service Works program
- Taught students essential career soft skills through volunteer work
- Served as a mentor to students in the Service Works program, providing advice and guidance
- Participated in large-scale student-organized volunteer events affecting hundreds of locals

**Phi Theta Kappa, International Honor Society**

January 2016 – January 2020

Florida Regional Officer

- Strategically and effectively lead a team of 5 people to support honors students in the local area
- Plan and develop regional projects that create solutions to state-wide issues

- Host workshops and speak at several state-wide conferences throughout the year
- Awards received: Regionally distinguished officer award, internationally distinguished officer award