

William Newman

Software Engineer

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951 – 961 – 0246

SKILLS:

Languages, Scripting, Frameworks: Java 8+, JavaScript, Angular 2+ with NgRx, React with Redux/Sagas, Python 3, Spring 4+, Spring Boot, Node.js, HTML5, CSS3, SCSS

Operating Systems, Environments, IDEs: Windows98-11, Mac OS X, Linux, iOS, Android 9.0, IntelliJ, VSCode, MSDOS

Persistence, Testing Frameworks, Tools: Git, AWS, GCP, Azure, Firebase, JUnit, Jest, Enzyme, Mockito, Maven, Gradle, Docker, ESLint, TSLint, NPM, Node.js, Postman, CMD, Terminal, Keycloak, OAuth, PGAdmin, Compass, Robo 3T, NoSQL Manager, JManage, Jenkins, Hibernate, MQL MongoDB, SQL Postgres

Other: 60 WPM, 15,000 KPH, CPR certified, musician, writer, photographer

PROFESSIONAL EXPERIENCE:

Harmonia Holdings

Fullstack Developer

August 2024 - Present

Project: VIBE development under USCIS/DHS

- Worked on federal systems with a large team but with little oversight to build out and enhance the Validation Instrument for Business Enterprises government web tool
- Worked predominantly with Angular 9 and Node 23 in a strict and secure MacOS Sequoia environment to fulfill requests by USCIS
- Tackled numerous challenges with the EGIS team to ensure a smooth transition between presidential administrations

GrantSolutions

Java Developer

May 2022 - April 2024

Project: Coverity Security Analysis

- Helped to found a team that analyzed and remediated a wide swath of security vulnerabilities in Java 8 services with Spring Boot as identified by the Coverity static code analysis program
- Kept in high communication with architects, testers, and other active development teams to ensure sustained functionality of any applications worked on
- Leveraged many tools such as OAuth, Keycloak, and AWS IAM to access and protect internal services

Project: Seeker Security Analysis

- Worked on a diverse team of engineers and testers to analyze and remediate security vulnerabilities across many Java 8 Spring Boot services via the Seeker Interactive Security Analysis program
- Facilitated inter-team communications to confirm operational cohesion of active-use applications
- Kept high code coverage through testing and gained exposure to AWS through S3

Paychex Payroll Service

Application Developer

March 2021 - April 2022

Project: Tax Payroll Filing Data (Microservice Network)

- Submitted various changes and fixes to many projects under the Tax PFD umbrella including:
- Implemented messaging through the network using both Kafka and RabbitMQ in Java 12 Spring Boot
- Worked on an internally-facing site that was developed in Angular 7 and Node.js that utilized Jest to test components with Google Cloud Platform data
- Created a tax document reader using Python 3 and a GCP data feed
- Updating Spring Boot usage and versioning as well as Gradle properties and keys
- Implementing new unit and integration tests to keep a minimum 90% coverage rate while migrating legacy tests to Jupiter JUnit 5 from JUnit 4

Catalyte**Lead Application Developer & Trainer****March 2019 - April 2022**

Project: Client work under multiple clients

- Worked as a Technical Lead on an internal full stack application with the Java 13 / Angular / Node.js / MongoDB stack that requests data from an internal API and GCP's Cloud SQL
- Helped to facilitate an aggressive approach to tackling dynamic user stories in an Agile/Scrum environment
- Reinforced many applications with best practices in Angular and Java
- Oversaw enforcement of high-percentage coverage testing and implemented detailed documentation using Jest, JUnit, and SLF4J

Project: Denver's First Cycle

- Helped to train new associates in many technologies including: React with Redux/Sagas, Java, C#, HTML, CSS, Git, PostgreSQL, MongoDB, and Angular 2+
- Responsible for technical growth, soft skills standards, and conducting code reviews
- Helped standardize training, identify areas of improvement, and commend successes