

Rami Alhussein

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SUMMARY

Experienced Software Engineer who has participated in over 100+ agile sprints, led and delivered projects end to end, optimized and improved software performance. Skilled in working closely with a team of engineers to create effective solutions.

EXPERIENCE

Associate Software Engineer

October 2021 – present

JP Morgan Chase

Jersey City, NJ

- Spearheaded the migration from IBM MQ to Apache Kafka, managing over 1 million daily events through JP Morgan's Data Pipeline and significantly improving data processing efficiency.
- Successfully modernized a voice authentication platform under tight deadlines, ensuring adherence to coding standards and enabling seamless migration to new datacenters.
- Delivered 24/7 production support, proactively identifying and resolving issues to maintain system uptime and reliability.
- Upgraded core call center authentication API from Spring to Spring Boot, integrating Chase's internal libraries and achieving a 25% performance improvement.
- Enhanced codebase reliability and maintainability by leveraging TDD and BDD principles with JUnit and Cucumber for test automation.
- Strengthened customer authentication workflows by implementing advanced security measures, reducing fraud incidents by 65%.
- Deconstructed a monolithic application into microservices, reducing production incidents by 50% and increasing system scalability.
- Collaborated on integration efforts between digital and non-digital channels to deliver a seamless omnichannel customer experience, enhancing service consistency across platforms.
- Led a project to enable business users to utilize OTP (One-Time Password) as an authentication method in the digital space for Chase.com, introducing a critical feature that expanded authentication options.

Junior Software Developer

March 2018 – February 2020

Rapid Filing Services LLC

New York, NY

- Designed and implemented internal software tool, improving efficiency by 30% and enhancing communication.
- Performed thorough assessment and debugging of both pre-existing and emerging errors across six web apps
- Deployed annual tax bracket updates and tax changes to ensure compliance and seamless support for new year filers, enhancing the filing experience for customers.
- Enhanced database security by scripting to hash all clear-text saved data, reducing security vulnerabilities by 50%

Software Engineer Internship

January 2017 – March 2018

Rapid Filing Services LLC

New York, NY

- Collaborated in the improvement of new software applications, decreasing bugs by 30% before public release.
- Executed debugging, analysis, and testing on new software applications to mitigate errors pre-release.
- Contributed over 8,000 lines of code to an established growing codebase, boosting code efficiency by 50%

EDUCATION

Montclair State University

August 2016 – May 2021

Bachelor of Science in Computer Science

Montclair, NJ

TECHNICAL SKILLS

Languages: Java, JavaScript, Typescript, Kotlin, Python, C#

Frameworks & Libraries: React, Spring Boot, Node, Express.js, JUnit, PactFlow, Cucumber

Databases: Cassandra, PostgreSQL, MongoDB

Tools & Platforms: Jenkins, Cloud Foundry, AWS, Dynatrace, Splunk, SonarQube, Blazemeter