

FIRST LAST

City, ST ● someperson@gmail.com • XXX-XXX-XXXX

EDUCATION

LinkedIn: [linkedin.com/in/name](#) GitHub: [github.com/username](#)

Top 10 CS College Technology | City, ST

Master of Science, Computer Science | GPA: 3.85

January 2018 - December 2019

Relevant Coursework: Graduate Algorithms, Software Development Process, Software Architecture & Design, Operating Systems, Database Systems, Information Security, Computer Networks, Machine Learning, Health Informatics

PROFESSIONAL EXPERIENCE

Software Engineering Intern | SOME COMPANY | City, ST

June-August 2019

Developed server-side web services in Java using Spring Boot;
Implemented a feature to facilitate concurrent database updates in SQL Server to improve application performance by 40%.

Developed distributed caching solution using Hazelcast to significantly improve user experience by reducing average response time.

- Dockerized micro-services and set-up Jenkins pipelines to automate Gradle build and AWS deployment process for multiple projects.
- Devised and implemented complex and fail-proof database updates to

avoid data corruption; Identified critical external bugs in external web-services and collaborated for the fixes.

Software Engineering Intern | COMPANY | City, ST

January - May 2019

As a member of Agile scrum team, designed and developed RESTful Micro-services with Spring MVC (Java); Implemented Unit and Integration tests with JUnit5, Mockito **and** Wiremock to achieve 80 % automation test coverage.

- Developed web front-end using Angular.js to facilitate user registration for a new launched product. Security audit and threat resolution for a micro-service in under 7 days for the production readiness.
- Identified and addressed 100+ security vulnerabilities to improve reliability, security, and maintainability of the system; Documented the process for future use across the organization.

Software Test Engineer | Company | City, ST

Responsible for driving the QA process for financial services applications, built on Service-Oriented Architecture.

July 2015 - June 2018

- Developed 100+ automated test scripts to test application front-end using Selenium framework to comply with federal guidelines.
- End to end verification of financial transactions across multiple applications to identify system dependency and ensure information reliability.
- Implemented a business process to centralize task-tracking in the 50-member department and reduced effort duplication by 20%.
- Collaborated with stakeholders to formulate requirements and user stories; worked with development team to identify and address production defects.

PROJECTS

FullStack project (JavaScript, Node.js, MongoDB, Express.js, REST, Heroku) Source code: [github.com/url](#)
September 2018

A *full-stack web application* for the blog about campsites developed with MEAN stack where registered user can share their experiences with the user community.

- Designed and implemented Yelp Camp (a Yelp style website for campsites) that supports user log in, posting review and comments, and editing previous submissions.
- Implemented MongoDB infrastructure to store reviews/comments data and relevant information associated with users and campsites.

Name Android App (Android, Java, Android Studio, Espresso, JUnit, SQLite)

Source code: [github.com/url](#)

An Android App, where the user can practice solving Cryptogram puzzles and compare their progress.

June 2018

Emphasized on User experience by carefully designing user-friendly layouts and screen transitions; Automated functional and Unit testing of the app using Espresso and JUnit.

Full Stack Project (Java, SWING, UML Diagrams, PostgreSQL)

Source code: [github.com/url](#)

April 2018

Designed and programmed a scalable and reliable *Full Stack Java*

Application to simulate Mass Transit System. The application model is based on Metro Atlanta Rapid Transit Authority (MARTA) and designed to scale for up to 1000+ vehicles and 100,000+ riders.

- Built intuitive GUI using SWING to facilitate customization of simulation data and visualize simulation results.
- Integrated the application with a PostgreSQL database system to analyze a large amount of real-time data and generate accurate prediction through the simulation system.

SKILLS

Programming: Java, Python, JavaScript, C, C#, HTML\CSS, SQL, Groovy

Technologies: SpringBoot, J2EE, JUnit, Mockito, Android, Angular.js, Node.js, Oracle DB, SQL Server

DevOps & Cloud:

Tools:

CI/CD, Jenkins, Maven, Gradle, AWS, Kubernetes, Docker

IntelliJ IDEA, Git/GitHub, BitBucket, JIRA, Postman, Kibana, New Relic, Fortify