# 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