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SUMMARY

- **Objective:** Software Engineer full-time position focusing on Backend Development.
- **Languages** Proficient: Java; Prior Experience: HTML, CSS, Shell, NoSQL, Python, JavaScript, SQL.
- **Tech Skills:** Spring MVC, Spring Boot, Spring Cloud, Spring Data, JPA, Node.js, jQuery, MySQL, MongoDB, Redis, RabbitMQ, Docker, JWT.
- **Architectures:** RESTful, Microservices, Object-Oriented, Multi-threading, Design Pattern.

EDUCATION

Rutgers University, Newark, NJ	M.S. Information Technology	GPA 3.5	Sep 2016 –Dec 2017
University of Alabama, Tuscaloosa, AL	B.S. Accounting	GPA 3.3	Aug 2013 –Aug2016

PROFESSIONAL EXPERIENCE

Software Engineer | Future Homes Fund LLC Oct 2018–Present

User Microservices Development for Real Estate Platform (Link) in Java Spring

- Designed and implemented the highly scalable **RESTful APIs** for core microservices of User Account using **Spring Boot, Spring Cloud, Spring Data, JPA, MySQL, Redis**.
- Drastically cut down DevOps cycle time by using **Docker** for automatic configuration & deployment.
- Integrated Swagger 2 with Spring Boot to build user-friendly **RESTful API** documentations.

House & Recommendation Microservices Development for Real Estate Platform in Java Spring

- Designed and implemented the core modules of user account, video management and subscription in Model-Template-View design pattern using Django, **MySQL**, Angular, jQuery, Bootstrap.
- Drastically optimized page load time from 2.5s to 0.4s by refactoring Angular/jQuery/CSS/HTML codebase and using reducing requests, caching, minification and lazy loading techniques.
- Improved efficiency of seller product management by building new features like robust CRUD, data upload and validation into the inventory panel, using Spring MVC, Hibernate, MySQL & JSP, jQuery.
- Increased website responsive performance by 30% on average by re-creating the shopping cart module to provide excellent buying experience, using AngularJS and Spring REST services.

Software Engineer | Golden Park Investments LLC Feb 2018 – Oct 2018

Microservices Development for Company Platform

- Developed the highly scalable RESTful APIs for core microservices of the company platform using **Spring Boot, Spring Cloud, Spring Data, JPA, MySQL, Redis**.
- Implemented the backend services of User Authentication using Cookie-Session mechanism, **Spring Boot, JPA, MySQL** and integrated Redis for Distributed Microservices architecture.
- Integrated service level monitoring using **Eureka** for registry and discovery and Hystrix for circuit breaker.
- Improved deployment velocity and productivity with **Docker** to seamlessly build, share, and run.

Research Assistant | Computational Analysis Group, Rutgers University June 2017 – Dec 2017

Data RESTful APIs & Microservices for Air Quality Monitoring in Java Spring

- Designed and implemented **RESTful APIs** to publish and monitor air quality data from sensors in Java and Spring.
- Developed data processor microservices to subscribe data from **Kafka**, process data, trigger Rule Engine actions and persist data to MongoDB. Integrated Spring Cloud Zuul to build API Gateway to provide single entry point.
- Cut down development cycle time drastically by using **Docker** for automatic configuration and deployment.



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