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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 – Aug 2016

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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