

# RAMESH KOLUKULURI

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## PROFESSIONAL SUMMARY

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Results-driven Java Software Engineer with 6 plus years of hands-on experience in building and optimizing scalable web and mobile applications. Adept at implementing microservices architecture, RESTful APIs, and enterprise integrations using Spring Boot, Hibernate, and CI/CD pipelines. Proven ability to lead end-to-end software development, resolve complex challenges, and collaborate cross-functionally to deliver high-impact business solutions.

## EXPERIENCE

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### IT KeySource Inc

Charlotte, NC, USA

#### APPLICATION SOFTWARE ENGINEER

February 2020 - Present

- Designed and implemented microservices-based systems using Java, Spring Boot, and GraphQL resulting in enhanced scalability and maintainability.
- Led full-cycle development for enterprise applications, including requirements gathering, design implementation, testing and deployment.
- Developed and upheld a GraphQL service based on the Spring ecosystem, ensuring seamless communication with microservice-based REST interfaces for required data.
- Improved application performance with Redis caching and asynchronous messaging via Kafka.
- Used Log4J for extensible logging, back tracing, and debugging.
- Enhanced data access layers using Hibernate to boost performance.
- Deployed applications to AWS cloud infrastructure, leveraging services like EC2, S3 and RDS.
- Developed frontend components using React.js, integrating seamlessly with Java.

### Infovision Inc

Richardson, TX, USA

#### SOFTWARE DEVELOPER

April 2019 - January 2020

- Implemented caching mechanisms and performance monitoring using Kibana, improving response times by 30%.
- Managed Oracle database updates with PL/SQL scripts and ensured consistency through Hibernate-mapped entities.
- Conducted code reviews, resolved critical bugs, and enforced coding best practices through automated test suites.
- Developed core business services and APIs using Java 8, Spring Boot, and REST, enhancing modular design and extensibility.

### Advent Global Solutions Inc

Houston, TX, USA

#### SOFTWARE DEVELOPER

June 2018 - January 2019

- Applied API Gateway techniques to manage and safeguard microservice runtime environments.
- Implemented Java structures enhancing asynchronous operations through JSM support.
- Implemented advanced IoC techniques, deploying the Spring Core framework.
- Engineered solutions incorporating web services through REST APIs.

## EDUCATION

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### Oklahoma Christian University

Master's, Computer Science

### Jawaharlal Nehru Technological University

Bachelor's, Information Technology

## OTHER

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**Skills:** Java, Microservices, MySQL, Redis, GraphQL, RabbitMQ, Hibernate, Maven, WebLogic, Kibana, Jenkins, Git, Confluence, JIRA, jQuery, JUnit, MongoDB, NoSQL, REST APIs, Spring, SQL, Tomcat, AWS, React.js

**Mobile App Design:** React Native, Node.js, Supabase