

Michael Davis

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Professional Summary

Senior Java Developer with over 8 years of experience in designing and deploying complex, high-performance Java applications. Expertise in Java, Spring, microservices, and cloud-based architectures. Proven ability to lead development teams, optimize systems, and drive large-scale projects to successful completion.

Technical Skills

- **Languages:** Java (JDK 8+), Kotlin, SQL, JavaScript
- **Frameworks/Libraries:** Spring Boot, Spring Cloud, Hibernate, Apache Kafka, Drools
- **Databases:** PostgreSQL, MongoDB, Redis, Elasticsearch
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Terraform
- **Other:** Microservices, Event-Driven Architecture, CI/CD, Agile/Scrum, TDD

Professional Experience

Senior Java Developer

Innovative Tech Solutions, New York, NY

August 2016 – Present

- Led the design and development of a microservices-based architecture, improving scalability and reducing downtime by 40%.
- Managed a team of 6 developers, providing mentorship and conducting regular code reviews to maintain high standards.
- Architected a distributed event-driven system using Kafka and Spring Cloud, ensuring high availability and fault tolerance.
- Worked closely with product owners to define technical requirements and ensure timely delivery of features.
- Deployed cloud-based applications using AWS, leveraging services such as S3, RDS, and EC2.

Lead Java Developer

GlobalSoft Systems, New York, NY

May 2014 – July 2016

- Designed and implemented RESTful APIs using Spring Boot and Hibernate for large-scale financial applications.
- Led the migration of monolithic applications to microservices architecture, reducing system complexity.

- Collaborated with DevOps teams to automate deployment processes using Docker and Kubernetes.

Projects

Financial Transaction System

- Architected and developed a real-time transaction processing system for a global bank, handling millions of transactions daily.
- Integrated fraud detection algorithms using Java and Apache Spark.

Cloud-Based Inventory System

- Led the development of a cloud-based inventory management system, using AWS services such as Lambda, DynamoDB, and API Gateway.

Education

Master of Science in Computer Science

Columbia University, New York, NY

Graduated: May 2014

Bachelor of Science in Computer Science

University of Michigan, Ann Arbor, MI

Graduated: May 2012

Certifications

- AWS Certified Solutions Architect – Associate
- Oracle Certified Master, Java SE 11 Developer