**Summary**

Highly accomplished and innovative Software Engineering Leader with a Master of Science in Computer Science and over 10 years of progressive experience in designing, developing, and deploying scalable software solutions across diverse industries. Proven expertise in full-stack development, cloud architecture, system design, and leading high-performing engineering teams in Agile environments. Seeking a senior leadership role as a Principal Software Engineer, Engineering Manager, or Architect to drive technical excellence, foster innovation, and deliver impactful products.

**Education**

Governors State University, University Park, IL

**Master of Science in Computer Science**, May 2014

* **Thesis:** *Optimizing Distributed Database Performance using Machine Learning-Based Query Prediction* (January 2013 - May 2014)

University of Illinois Urbana-Champaign, Urbana, IL

**Bachelor of Science in Computer Science**, May 2010

**Professional Experience**

**Lead Software Engineer / Tech Lead** | InnovateCore Technologies, Chicago, IL, June 2018 – Present

* Lead the architecture, design, and development of mission-critical microservices for a large-scale enterprise SaaS platform, serving over 1 million active users.
* Manage a team of 6-8 software engineers, providing technical guidance, code reviews, and mentorship, resulting in a 20% increase in team productivity.
* Design and implement highly scalable and fault-tolerant cloud-native solutions on AWS, reducing infrastructure costs by 15% annually.
* Drive adoption of CI/CD pipelines (Jenkins, GitLab CI), automating deployment processes and reducing release cycles by 30%.

**Senior Software Developer** | FinTech Solutions Inc., Chicago, IL, January 2015 – May 2018

* Developed and maintained core backend services for a high-frequency trading platform using Java and Spring Boot, processing millions of transactions daily.
* Optimized database queries and implemented caching strategies (Redis) to improve system response times by 25%.
* Participated in full software development lifecycle, from requirements gathering and design to deployment and post-launch support.

**Skills**

* **Programming Languages:** Java, Python, JavaScript, Go, SQL
* **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, SQS), Azure, GCP
* **Frameworks & Libraries:** Spring Boot, Django, React.js, Node.js, Express.js
* **DevOps & Tools:** Docker, Kubernetes, Jenkins, GitLab CI, Terraform, Ansible, Git, Jira, Confluence

**Publications & Presentations**

* Jaguar, J. (2014). *Optimizing Distributed Database Performance using Machine Learning-Based Query Prediction*. GSU Graduate Thesis Repository, May 2014.
* "Building Resilient Microservices with Spring Boot and AWS Lambda." Presented at Chicago Cloud Conference, October 2022.

**Certifications**

* AWS Certified Solutions Architect – Professional (Issued: March 2023)
* Certified Kubernetes Application Developer (Issued: September 2021)
* Professional Scrum Master I (Issued: April 2019)

**Awards & Recognition**

* InnovateCore "Engineer of the Year" Award (December 2023)
* Global Tech Summit "Outstanding Contributor" Award (June 2022)
* GSU Outstanding Graduate Thesis Award (May 2014)