

EDUCATION

Kansas City, MO	University of Missouri-Kansas City	December 2024
<ul style="list-style-type: none">Masters in Computer Science <p>Courses: Advanced Software Engineering, Advanced Operating System, Principles of Big Data Management, Network Architecture, Introduction to Statistical Learning, Cloud Computing, Smart Grid, Parallel Algorithms, Information Security Awareness, Formal Software Specification</p>		
GPA: 3.9		

EMPLOYMENT

Software Engineer	Intel, Bangalore, India	October 2018 – May 2022
<ul style="list-style-type: none">Developed and optimized core components for retail applications using Java, Spring Boot, J2EE, and MySQL, ensuring scalable and efficient backend systems that handle thousands of transactions.Designed and implemented RESTful API services to support various business functionalities, enabling seamless integration with front-end applications and third-party systems.Improved the performance of microservices by optimizing Spring Boot applications and RESTful APIs, reducing response times by 40% and ensuring high availability and fault tolerance in production environments.Enhanced user experience by optimizing front-end technologies such as HTML5, CSS3, and ReactJS, developing intuitive and responsive UIs that align with business goals.Boosted unit test coverage from 54% to 90% using JUnit, Mockito, and Behavior Driven Development (BDD) with Cucumber and JBehave, ensuring code quality and reliability across the stack.Reduced security check processing time by 30% by optimizing SQL queries and API calls with monitoring tools like New Relic and Splunk, improving system performance and issue resolution.Led the design and deployment of new features in a .NET mobile application using C#, resulting in a 15% increase in customer satisfaction.Spearheaded cloud computing initiatives by integrating Salesforce services with various systems, gaining experience in building scalable architecture and cloud infrastructure solutions.Automated Business Continuity and Disaster Recovery processes with PowerShell scripts, ensuring synchronization and high availability of primary and secondary databases.Actively engaged in Agile methodologies by participating in Scrum meetings, sprint planning, and contributing to a continuous deployment pipeline using Jenkins, Docker, and Spinnaker.Mentored junior engineers in coding best practices, code review processes, and continuous integration principles, fostering a collaborative and productive engineering culture.		

LANGUAGES AND TECHNOLOGIES

- Programming Languages:** Java, C++, Python, C#, SQL, Apex, J2EE
- Web Technologies:** JavaScript, HTML5, CSS3, ReactJS
- Databases:** MySQL, Oracle, MongoDB
- Cloud Technologies:** Salesforce, Amazon Web Services, Azure, Google Cloud Platform
- Tools and Frameworks:** JIRA, IntelliJ, Git, Eclipse, PySpark, Hadoop, PyCharm, Visual Studio, Spring Boot

PROJECTS

- Nine Men's Morris:** Designed and developed a Morris board game with player-versus-player and player-versus-computer modes, featuring record and replay functionality using **Java** and **Swing**. Adapted the game to support both Nine Men's Morris and Twelve Men's Morris. Conducted comprehensive testing with **JUnit** for quality assurance
- Comprehensive Analysis on Anime Review:** Led a cutting-edge Big Data project focusing on comprehensive analysis of anime reviews, leveraging the power of **PySpark** to unveil intricate data patterns. Additionally, developed a supervised learning model with linear regression to identify key features influencing review outcomes.
- Comparative Analysis of Supervised and Unsupervised Models for Bean Classification:** Implemented Logistic Regression, Decision Trees, K-means, and Hierarchical Clustering on bean classification data using **Python**, including data preprocessing and exploratory data analysis (EDA), to accurately determine bean class based on given attributes.

CERTIFICATIONS

- Microsoft .NET framework 4 technology specialist
- Salesforce Admin Certification