SRIKRUPA RACHAKONDA
Full Stack Developer

Mail: rsrikrupa19@gmail.com
Phone: +1 (314) 530-8933
LinkedIn: https://www.linkedin.com/in/srikrupa-rachakonda-22127b346/
GitHub: https://github.com/srachakonda19
Portfolio: https://srachakonda19.github.io/srikrupa.github.io/
Address: St. Louis, MO

PROFESSIONAL SUMMARY

Accomplished **Full Stack Developer** with over **7 years of experience** in delivering secure, scalable, and high-performance software solutions. Proficient in **Java, Spring Boot, Angular, AWS, and SQL**, with expertise in building microservices architectures, designing RESTful APIs, and creating responsive user interfaces. Adept at migrating legacy systems to **AWS cloud** using a lift-and-shift approach, optimizing performance, and implementing secure authentication mechanisms with **OAuth2** and **JWT**. Skilled in database optimization for both relational and NoSQL databases (**MySQL**) and automating deployments with **CI/CD pipelines** using **Jenkins, Docker**, and **Kubernetes**.

A collaborative professional with extensive experience in **Agile development environments**, excelling in cross-functional teamwork, project delivery, and mentoring junior developers. Known for resolving complex technical challenges, driving innovation, and integrating **Salesforce workflows** to enhance CRM operations. Passionate about delivering impactful solutions aligned with business goals while ensuring high quality through code reviews and best practices. Committed to leveraging advanced tools like **AWS CloudWatch** and **Postman** to monitor, test, and optimize applications for reliability and scalability.

TECHNICAL SKILLS

Category	Technologies
Programming Languages	Java, Python, JavaScript, SQL, HTML, CSS
Frameworks	Spring Boot, Angular
Databases	MySQL
Cloud Platforms	AWS (EC2, S3, RDS, Lambda, CloudFormation, CloudWatch), Salesforce
API Services	REST
Version Control	GitHub, GitLab
Tools	IntelliJ IDEA, Postman, JIRA, Jenkins, Docker
Development Practices	CI/CD, Agile Methodology

PROFESSIONAL EXPERIENCE

Swift, Remote
Dec 2023 - Present
Role: Full Stack Developer
Project Description: I am currently working on **Cross-Border Payments Enhancement**, a flagship project aimed at streamlining international money transfers. This initiative focuses on reducing transaction times, ensuring compliance with

global regulatory standards, and enhancing transparency for both financial institutions and end-users. I deliver scalable and secure solutions by leveraging modern technologies and collaborating with global teams to meet project goals.

Key Responsibilities:

Frontend Development:
- Develop dynamic and reusable components using Angular, providing real-time transaction tracking and detailed payment statuses.
- Design intuitive and responsive interfaces with Bootstrap, ensuring accessibility across devices for diverse user groups.
- Implement real-time updates for payment milestones and notifications, improving user experience and trust.
- Collaborate closely with UI/UX teams to create user-centric workflows for initiating and monitoring cross-border transactions.

Backend Development:
- Engineer robust backend services with Spring Boot, ensuring scalability and fault tolerance to handle high transaction volumes.
- Design and optimize relational and NoSQL database schemas to securely store payment records and metadata.
- Integrate APIs for real-time exchange rates, transaction tracking, and fraud detection, ensuring seamless functionality.
- Implement encryption standards and secure protocols (e.g., TLS) to protect sensitive payment data throughout the transaction lifecycle.
- Conduct unit and integration testing with JUnit to ensure reliability in transaction processing and error-free deployments.

Cloud:
- Migrate the application to the cloud using AWS services, improving scalability and reducing operational costs.
- Automate CI/CD pipelines using Jenkins and Docker, enabling faster and more reliable deployments.
- Utilize AWS S3 for secure storage of compliance documents and transaction logs, ensuring accessibility and reliability.
- Monitor performance metrics with AWS tools to ensure uptime and high system availability during peak transaction periods.

Additional Responsibilities:
- Provide in-depth technical documentation for APIs and workflows, enabling smooth collaboration among global teams.
- Resolve critical production issues within tight SLAs, ensuring uninterrupted service for financial institutions.
- Design custom dashboards to visualize payment trends and success rates, aiding data-driven decision-making for stakeholders.
- Conduct Agile sprint planning and retrospectives, ensuring timely delivery of critical project features.
- Streamline data pipelines for analytics, reducing query response times by 30% and improving system efficiency.

Environment: Java, Spring Boot, REST APIs, Angular, TypeScript, Bootstrap, MySQL, AWS (S3, EC2, CloudWatch), Jenkins, Docker, JUnit.

Sodexo, USA

Dec 2021 – Nov 2023

Role: Full Stack Developer

Project Description: Worked on NorAm M2C Migration, a strategic initiative to migrate all Sodexo applications from the on-prem environment to AWS cloud using a lift-and-shift approach. The project focused on updating applications to the latest versions, validating infrastructure, and ensuring seamless transitions to the AWS cloud environment.

Key Responsibilities:

Frontend Development:
- Designed responsive user interfaces using **Angular**, ensuring accessibility and user-centric workflows.
- Built reusable UI components to streamline development and maintain consistent design across applications.

Backend Development:
- Developed robust microservices with **Java** and **Spring Boot**, ensuring scalability and reliability.
- Designed and deployed **RESTful APIs** for efficient communication and data exchange.
- Implemented secure authentication mechanisms using JWT for user session management.

Cloud:
- Migrated legacy applications to **AWS cloud**, leveraging services such as **EC2**, **S3**, and **RDS**.

- Integrated **Salesforce** to optimize customer relationship management workflows in the cloud environment.
- Automated deployment pipelines with **Jenkins** and **Docker**, reducing manual interventions and improving release cycles.

Additional Responsibilities:
- Validated cloud infrastructure to ensure optimal performance and security.
- Collaborated with cross-functional teams to gather requirements and deliver scalable solutions.
- Conducted code reviews and mentored junior developers to promote best practices.
- Created comprehensive technical documentation for migration workflows and infrastructure setup.

Environment:
Java, Spring Boot, REST APIs, Angular, AWS (EC2, S3, RDS, CloudWatch), Jenkins, Docker, JWT, Salesforce.

Ulta Beauty
Jan 2020 - Nov 2021
Role: Full Stack Developer
Project Description: Led the development of **Loyalty and Rewards Program** enhancements for Ulta Beauty, focusing on creating a seamless and personalized e-commerce experience. The project aimed to improve customer engagement through features like secure authentication, interactive dashboards, and optimized backend services. Worked closely with cross-functional teams to ensure system performance, scalability, and reliability, while adhering to security and compliance standards.

Key Responsibilities:
Frontend Development:
- Developed dynamic and interactive e-commerce features using **Angular**, enhancing user experience and operational efficiency and built reusable UI components with Material Angular, ensuring consistent design and reducing development effort.
- Optimized the frontend for performance by implementing lazy loading and efficient state management techniques.
- Collaborated with UX designers to ensure a user-friendly and visually appealing interface.

Backend Development:
- Designed and developed backend services using **Spring Boot**, focusing on loyalty and rewards program integration with third-party providers.
- Implemented secure authentication mechanisms using **OAuth2** and **JWT** for user session management and data protection.
- Designed and optimized complex **SQL queries** to handle high-traffic scenarios and ensure faster data retrieval.
- Conducted performance tuning of backend APIs to minimize response times and improve user interactions.
- Built error monitoring and logging mechanisms to enhance system reliability and facilitate debugging.

Cloud:
- Automated infrastructure provisioning and deployment using **AWS CloudFormation** and **Elastic Beanstalk**, enabling scalable and reliable application deployment.
- Monitored application health and performance using AWS tools, ensuring high availability during peak traffic periods.

Additional Responsibilities:
- Conducted regular updates to meet security and performance standards, ensuring compliance with industry regulations.
- Provided end-user training and documentation for newly implemented system features.
- Collaborated with cross-functional teams to align development efforts with business goals and objectives.

Environment:
Java, Spring Boot, REST APIs, SQL, Angular, AWS (CloudFormation, Elastic Beanstalk), OAuth2, JWT.

Coupon Dunia, India
July 2017 - Dec 2019
Role: Junior Full Stack Developer
Project Description: Contributed to the development and maintenance of **Shopping Assistant**, a feature designed to provide users with personalized coupon recommendations and cashback offers. Focused on building scalable, responsive, and secure solutions to enhance user engagement and ensure seamless integration with partner platforms. The project aimed to deliver a superior shopping experience while optimizing system performance and reliability.

Key Responsibilities:

- Built and maintained **REST APIs** using **Java** and **Spring Boot** to support mobile and web platforms, enabling efficient data retrieval and communication.
- Developed dynamic, responsive user interfaces with **Angular** and **Bootstrap**, ensuring compatibility across various devices and screen sizes.
- Set up **Jenkins pipelines** to automate deployments and monitor build performance, reducing manual effort and ensuring consistent delivery.
- Designed database schemas and optimized query performance in **MySQL** to handle large volumes of transactional data efficiently.
- Troubleshot production issues by working closely with QA teams, identifying and resolving bugs to minimize downtime and enhance application reliability.
- Created automation scripts for repetitive deployment tasks, streamlining workflows and improving productivity.
- Monitored system logs and performance metrics using **Splunk** to ensure smooth application functionality and proactively addressed potential issues.
- Contributed to team meetings and brainstorming sessions to improve system architecture and design, fostering a collaborative development environment.
- Designed API integration workflows to handle complex data exchange requirements, ensuring seamless interaction between internal and external systems.
- Collaborated with cross-functional teams to deliver high-quality software within tight deadlines, aligning with business objectives and user needs.

Environment: Java, Spring Boot, REST APIs, MySQL, Splunk, Angular, Bootstrap, Jenkins.

EDUCATION

- **Master's in Computer Science** - Saint Louis University, St. Louis, MO
- **Bachelor of Technology in Computer Science Engineering**, Jawaharlal Nehru Technological University (JNTUH), Hyderabad, India.