

Arun Kumar Regonda

✉ regarunkumar@gmail.com | ☎ 562-228-9878 | 🌐 github.com/arunkumardev89 | 🔗 linkedin.com/in/regarun

Education

California State University Long Beach (CSULB)

Aug 2022 - Jun 2024

M.S. in Computer Science

KL University

Aug 2017 - May 2021

B.S. in Computer Science

Experience

Accenture

Jun 2021 - Jun 2022

Application Development Associate

- Engineered robust front-end features using Angular, enhancing user interface navigation and improving application responsiveness for over 20,000 users, significantly boosting customer satisfaction as part of a key redesign initiative.
- Leveraged microservices architecture to develop a Spring Boot application, integrating Kafka for real-time communication between services.
- Built REST APIs using Spring MVC and deployed using Docker, improving containerized application consistency.
- Managed data storage with MySQL, applying indexing and optimization techniques to enhance query execution speed.
- Built and managed a resilient cloud infrastructure using AWS services like EC2, RDS, Elastic Beanstalk, S3, and CloudWatch.
- Integrated Swagger for API documentation, ensuring a clear understanding of service endpoints for external teams.

Amity Technologies

Jul 2020 - May 2021

Associate Developer

- Designed and implemented RESTful APIs using Spring MVC, ensuring adherence to REST principles and best practices.
- Developed and maintained scalable backend services with Java, Spring Boot, and Spring Batch, supporting critical business workflows.
- Enhanced API performance by integrating Redis caching, achieving a 40% reduction in response times.
- Utilized Kafka for reliable messaging across distributed services, enabling seamless data streaming.
- Optimized CI/CD pipelines using Git and Azure Devops, resulting in faster deployments and increased release frequency.
- Created comprehensive unit and integration tests with JUnit and Mockito, reaching 80% code coverage.

Projects

SwiftCart | HTML, CSS, and JavaScript, Firebase, Netlify

- Developed a responsive, cross-device shopping cart application using HTML, CSS, and JavaScript, ensuring consistent performance and a seamless user experience across platforms.
- Implemented cart with real-time CRUD operations for adding, updating, and removing items.
- Designed a user-friendly authentication interface that streamlined the sign-up and login processes, decreasing login time by 25%.
- Architected an automated deployment pipeline using Firebase and Netlify that enabled seamless updates, reduced manual deployment errors by 70%, and enhanced overall application stability for end-users.

DeliDash | Java, Eclipse, Oracle, Software Development

- Spearheaded the design and creation of a Java-centric food delivery system, leveraging OOP principles.
- Initiated and led a team of 5 developers, driving the incorporation of supplementary features such as user differentiation, caching recent orders, tailored promotions, a robust notification system, and diverse payment methods.
- Applied OOP principles, including Singleton, Abstract Class, and Observer, to enhance system architecture and functionality, resulting in a 25% reduction in development time and a 15% decrease in bug incidents.

Technical Skills

Languages: C, C++, Java, JavaScript, Typescript, Python, SQL, NoSQL

Web Technologies: HTML, CSS

Databases: MySQL, Oracle, MongoDB

Frameworks/Tools: Node.js, Angular, AWS, Maven, Spring Boot, Spring Boot Core, Spring MVC, Spring Hibernate, Spring Batch, Kafka, Microservices Architecture, Agile/Scrum, REST Web Services, ServiceNow, Tableau, Postman, Firebase, Netlify, Docker, GIT and GitHub

Cloud Technologies: AWS, Azure

Certifications: Microsoft Certified Azure Fundamentals, AWS Certified Cloud Practitioner, Automation Anywhere RPA Professional, ServiceNow Certified System Administrator