



Sushmitha Reddy Yadamakanti

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Summary

Full-stack developer skilled in delivering robust and scalable applications using a multitude of tools and languages. Highly collaborative with a proven ability to work effectively in dynamic and diverse teams to achieve shared goals. Currently seeking a role to acquire new knowledge and skills to further expand expertise in software development through continuous learning and professional opportunities.

Skills

- Agile Methodologies
- Code Development
- Front-End Development
- Amazon Web Services (AWS)
- Database (SQL and no-SQL)
- IntelliJ, Visual Studio code, Eclipse
- CSS, HTML, Javascript, JQuery, Java, YAML
- openAPI, Springboot, Maven
- Jenkins, Bitbucket, GAP

Experience

March 2023
to
Current

DataMonks Solutions Inc.

Westerville, OH

Software Engineer

Client Name: JPMorgan Chase

Enhanced web application to assist bankers in more than 1000 branches to assist with lobby management and servicing the customer.

- Developed and extended back-end services using Java, Spring Boot, Maven, OpenAPI, and RESTful service maintaining the customer queue
- Conducted code reviews to ensure quality standards were met in the development process on Bitbucket
- Created user stories, acceptance criteria, and developed technical solutions for software projects using JIRA
- Created new tablespaces for applications to store their data in the database (Cassandra)
- Boosted unit test coverage for all microservices in the space using Junit and Mockito.
- Executed Project work in an Agile team environment including daily stand-up, refinements, retrospectives, and release planning.
- Deployed and maintained applications on Gaia Cloud (GAP) in different environments including dev and test
- Leveraged CI/CD Pipeline methodology using Jules (Chase Wrapper on Jenkins) pattern builds
- Worked closely with the Product Owners to clearly define user journeys and identify error scenarios
- Collaborated with team members to ensure successful project work.

June 2022 to December 2022	United Software Group Inc. Software Engineer Intern	Dublin, Ohio
	<ul style="list-style-type: none"> • Utilized Python and AWS Cloud Services to develop Food Delivery System-Application • Maintained GIT workflows for version control systems • Proficient in writing AWS CloudFormation templates JSON to build AWS services, Infrastructure as code • Experienced in event driven and scheduled AWS Lambda functions to trigger various AWS resources • AWS CloudWatch to monitor complete stack and use alarms, logs, and event data for automated triggers • Worked with AWS EC2 for instance creation, S3 for storage, DynamoDB to store and access the No-SQL data • Participated in development team trainings, daily meetings, and huddles. • Performed User Acceptance Testing (UAT) on the pilot application in production. • Used Eclipse as Development IDE for web applications. 	

January 2020 to April 2020	Complutense University of Madrid, Spain Research Student	Bengaluru, Karnataka
	<ul style="list-style-type: none"> • Interned under Prof. José Luis Risco Martín on a project to evolve Minimum Time Search (MTS) trajectories for Unmanned Ariel Vehicles (UAVs) • Abstract: Accelerated existing code to implement different paths for UAVs -> MATLAB codes were available for max coverage; leveraged the same for MTS • The research experience resulted in publication of a research paper at IEEE International Smart Cities Conference (ISC2) in 2020 K. Gurunathan, Y. S. Reddy, R. K. Dash, J. L. R. Martín, S. Perez-Carabaza and E. Besada-Portas, "Minimum Time Search in Unmanned Aerial Vehicles using Ant Colony Optimisation based Realistic Scenarios," 2020 IEEE International Smart Cities Conference (ISC2), Piscataway, NJ, USA, 2020, pp. 1-8, doi: 10.1109/ISC251055.2020.9239065. 	

Education

May 2022	Cleveland State University Master's in Information Systems
September 2020	PES Institute of Technology Bachelor's in Computer Science

Certifications

- AWS Cloud Practitioner
- Ohio State University Coding Bootcamp - in progress