



# 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

- November 2022 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

November 2022

**United Software Group Inc.**

Dublin, Ohio

**Software Engineer Intern**

- 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**

Bengaluru, Karnataka

**Research Student**

- 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