

MEET VORA

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Available from January 2024

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, Ma, Usa Expected December 2023
Master of Science in Computer Science GPA: 3.9

Related Courses: PDP, ALGORITHMS, DBMS

Graduate Teaching Assistant for Programming Design Paradigm (CS 5010) & Fundamentals of Cloud Computing (CS 6620).

L. J. University, Ahmedabad, Gujarat, India

August 2020

Bachelor of Engineering, Information and Communication Tech., GPA: 8.67

TECHNICAL SKILLS

Languages: Java | C# | JavaScript | Python.
Frameworks: Spring Boot | .Net Framework | AngularJS/Angular (2+) | NodeJS.
Database: Citus | Postgresql | MySQL | SQLite.
Tools & Technologies: Terraform | Docker | Kafka | Agile | AWS | Azure DevOps | CI/CD | Kibana | Git | Postman.

EXPERIENCE

Philips North America, Boston, Usa

January 2023 - Present

Software Engineering Intern

- Implemented Citus DB cluster as a cost-effective, autonomous alternative to Hive, reducing maintenance time by 40% and cutting costs by 30%. Eliminated dependency on cross-functional database team for enhanced efficiency and control.
- Developed a Kafka cluster streaming process, seamlessly receives and processes stream data of patients from the surveillance station every 5-second interval, ensuring real-time data processing and analysis capabilities.
- Proposed and implemented the migration of the Terraform state file storage from TFS to an AWS S3 bucket, enhancing security and enabling seamless collaboration across multiple teams. Additionally, developed a CD Azure pipeline for the automated deployment of Iron.io services, leveraging Terraform for streamlined infrastructure provisioning.
- Partnered with cross-functional teams to address security vulnerabilities, compliance issues, and code-quality risks highlighted by the Blackduck tool, ensuring a more secure software product.

THOMSON REUTERS, Ahmedabad, India

December 2019 - December 2021

Associate Software Engineer

- Augmented scalability of migration microservice within the .NET Framework, raising data capacity from 50 to 500 records. Transformed the process into an asynchronous operation using RabbitMQ for inter-microservice communication.
- Built a comprehensive dashboard to display migration metrics and live status updates for users, utilizing AngularJS/Angular (2+) to enhance user experience and streamline migration processes.
- Collaborated in requirement understanding, and database design, constructed API, and reduced the API calls by leveraging the caching mechanism of the HTTP Client module in AngularJS, Improved the efficiency by 20%
- Adhere to the agile lifecycle and participated in planning, daily stand-up, backlog-refinement, review, and retrospectives, and wrote comprehensive Unit and Integration Test cases to achieve 85% code coverage.

PROJECTS

Spacecraft Station Simulation, Northeastern University [Code](#)

July 2022 - July 2022

- Tech Stack: Windows Form Application, .NET Framework C# WCF Service.
- Designed a Multi-Threaded Space Station Simulation, supports the functionality of sending commands to the spacecrafts and getting Telemetry Data, etc. Supports concurrent launching of spacecrafts.
- Implemented graphical user interface using Windows Form Application, to launch and send the commands to Rockets.

Kill Doctor Lucky, Northeastern University [Code](#)

January 2022 - April 2022

- Tech Stack: Swing, Core Java. Demo
- Created a board game deploying MVC architecture, and followed all the SOLID Principles, and used the design patterns to make the codebase more flexible and maintainable. Also, added a test suit of 180+ unit tests.
- Created graphical user interface with Java Swing Library, to make the game interactive and user-friendly.

LJ-Konnect, L.J University [Demo](#)

October 2019 - February 2020

- Tech Stack: Angular 8, Firebase.
- Constructed an Event Management System, contains different modules for role-based admins and displays events in the hierarchy, mitigated the use of traditional excel sheet.
- Designed a database and built a User and Admin panel with various features sub-admin creation, token generation, and offline payment status update.