

MEET VORA

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Available from May 2024

Education

Northeastern University, Khoury College of Computer Sciences Boston, MA Jan 2022 – May 2024
Master of Science in Computer Science GPA: 3.9/4

Gujarat Technological University, India July 2016 – May 2020
Bachelor of Engineering in Information and Communication Tech. GPA: 8.7/10

Technical Skills

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

Experience

Philips North America Jan 2023 – Present
Software Engineer Intern Cambridge, MA

- Implemented Citus DB cluster as a cost-effective, autonomous alternative to Hive, **reducing maintenance time by 40%**, cutting costs by 30%, and utilizing sharding capabilities to enable efficient handling of multi-tenancy
- 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 **Terraform state file storage migration** from TFS to an AWS S3 bucket, enhancing security and enabling seamless collaboration across multiple teams.
- Implemented efficient CI/CD Azure pipeline for Iron.io service deployment, partnering with cross-functional teams to enhance software security by addressing vulnerabilities, compliance, and code-quality risks highlighted by the Blackduck.

Thomson Reuters Dec 2019 – Dec 2021
Associate Software Engineer Ahmedabad, India

- Elevated the scalability of a **.NET Framework** migration microservice, increasing **data capacity from 50 to 500 records**, and transformed the process into an asynchronous operation using **RabbitMQ** for optimized inter-microservice communication.
- Built a comprehensive dashboard to display **migration metrics and live status** updates for users, utilizing Angular(2+) to enhance user experience and streamline migration processes.
- Collaborated on requirement understanding, database design, and API construction, **achieving a 20% efficiency** boost by leveraging the caching mechanism of the **AngularJS HTTP Client module**.
- 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

- Tech Stack: Windows Form Application, .NET Framework C# WCF Service.
- Designed a Multi-Threaded Space Station Simulation with capabilities for command transmission to spacecraft, telemetry data retrieval, and concurrent spacecraft launching.
- Implemented graphical user interface using Windows Form Application, to launch and send the commands to Rockets.

Kill Doctor Lucky, Northeastern University [Code](#) Jan 2022 – Apr 2022

- Tech Stack: Swing, Core Java.
- Developed a board game using MVC architecture, adhered to SOLID Principles, employed design patterns for enhanced flexibility and maintainability, and implemented a comprehensive test suite with 180+ unit tests.
- Created a graphical user interface with Java Swing Library, to make the game interactive and user-friendly.

LJ-Konnect, Gujarat Tech University [Demo](#) Oct 2019 - Dec 2019

- 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.

Extra-Curriculum

- Graduate Teaching Assistant:** Mentored over 100+ students in the PDP and Cloud Computing Course, providing guidance, clarification, and additional resources to enhance their understanding and success in the subject matter.
- Hackathon:** SMART INDIA HACKATHON '19 Finalist and winner in the innovation & diversity category at Thomson Reuters Hackathon, highlighting innovative problem-solving and commitment to inclusive solutions.