

# Meet Vora

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## EDUCATION

**Northeastern University** | Boston, MA

Jan 2022 – May 2024

Khoury College of Computer Sciences | MS in Computer Science

GPA: 3.9/4.0

**Teaching Assistant:** Programming Design Paradigm, Foundation of cloud computing.

**Gujarat Technological University** | Gujarat, India

Aug 2016 – Apr 2020

Bachelor of Engineering in Information and Communication Technology

GPA: 8.7/10

## PROFESSIONAL EXPERIENCE

**Northeastern University** | Boston, MA

Sep 2022 – May 2024

Teaching Assistant

- Counseled **200+ graduate students** for the **Program Design Paradigms** course under the guidance of Prof. Amit Shesh.
- Explained **10+ design patterns, unit testing**, MVC-based projects, data structures, and algorithm design.
- Exhibited **strong communication and interpersonal skills** to troubleshoot issues and **provide feedback in code reviews**.

**Philips** | Cambridge, MA

Jan 2023 – Dec 2023

Software Engineer Co-op

- Deployed a Citus cluster, **reducing maintenance time by 40%** and **costs by 30%**, enabling sharding for multi-tenancy.
- Reduced data processing wait time from **30 minutes to near real-time**, significantly enhancing overall system efficiency.
- Established an **Apache NiFi** data flow to streamline data from **RabbitMQ**, ensure seamless integration with the database.
- Implemented a **Kafka cluster system**, enabling real-time data processing and assisting the **onboarding of new clients**.
- Enhanced security and team collaboration by **migrating Terraform state file storage from TFS to AWS S3**.

**Thomson Reuters** | Gujarat, India

Dec 2019 – Dec 2021

Associate Software Developer / Technology Intern

- Elevated scalability of a **.NET Framework** migration microservice, **increasing data capacity tenfold**.
- Developed a comprehensive **dashboard using Angular for live migration metrics** and status updates.
- Transformed the **process into an asynchronous operation** using RabbitMQ for microservice communication.
- **Boosted efficiency by 20%** by leveraging the caching mechanism of the **AngularJS HTTP Client** module.
- **Achieved 85% code coverage** through comprehensive Unit and Integration Test cases.
- Clinched the first-place award in the **innovation & diversity category** at the Thomson Reuters Hackathon.

## PROJECTS

**URL Shortener** | Java, Spring Boot, PostgreSQL, Redis, HTML, CSS, Bootstrap, JavaScript

- Developed a URL Shortener service with Spring Boot, integrating PostgreSQL and Redis, enhancing link management and application scalability.
- Implemented a Base-62 encoding algorithm to efficiently shorten URLs, improving shareability and user experience.
- Utilized Bootstrap for front-end development, creating a responsive interface for URL shortening and analytics tracking, enriching user engagement insights.

**Kill Doctor Lucky Game** | Java MVC Application

- Designed a board game utilizing the MVC architecture, adhering to Solid Principles, and incorporating design patterns for improved flexibility and maintainability.
- Established a comprehensive test suite comprising over 180-unit tests to ensure the robustness of the game.

**Spacecraft Station Simulation** | .NET WCF Application

- Implemented a Multi-Threaded Space Station Simulation with capabilities for command transmission to spacecraft, telemetry data retrieval, and concurrent spacecraft launching.
- Implemented a graphical user interface using Windows Form Application to launch Rockets.

## SKILLS

**Languages:**

Java | C# | JavaScript | Python | HTML | CSS.

**Frameworks:**

Spring Boot | .Net | AngularJS/Angular | NodeJS | Bootstrap.

**Databases:**

PostgreSQL | AWS RDS | Citus | MySQL | SQLite | Google Firebase.

**Technologies & Tools:**

Apache NiFi | Terraform | Docker | Kafka | AWS | CI/CD | Kibana | Git.