# VYSHALI CHAVA
*Arlington*, Texas  (945)-246-0928  [VyshaliChava](#) https://vyshalichavaportfolio.netlify.app/

## EDUCATION

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| **The University Of Texas at Arlington** | May 2024 |
| *Master of Science in Computer Science (GPA: 3.583/4)* | *Arlington, Tx* |
| **Chaitanya Bharathi Institute of Technology** | May 2021 |
| *Bachelor of Technology (B.Tech) , Computer science and Engineering (GPA: 7.84/10*) | *Telangana, IN* |

## WORK EXPERIENCE

**Model N India Software Pvt. Ltd.**  *Associate Member Technical Staff*　　　　　　　　　　July 2021 - July 2022

- Contributed towards enhancing and debugging our range of revenue management applications in the life sciences sector, utilizing my knowledge of Java, Oracle SQL, React.js, and Agile techniques to tackle critical industry requirements.
- I was mainly responsible for debugging major problems in both the software's core and its user interface. To make the app run smoother, I worked on making database searches faster and more effective through various SQL optimization strategies.
- Strengthened my Java, Oracle SQL, React.Js, REST-API, Mockito, and JPA, backend skills while working on critical issues and expanding the features of the software. I analyzed and optimized code to improve the performance and efficiency of software. Working with these softwares enhanced my skills in full stack development.
- Improved Revenue Management system functionality by identifying and resolving complex bugs, resulting in a 30% reduction in customer complaints and a 15% increase in overall system performance. I played a key role in optimizing the product suite setup, resulting in a more streamlined and efficient workflow.
   *Tech stack* - Java 8, Junit5, Oracle SQL, React.js, Git, REST API, Microservices Architectures, Mockito, XML, JSP, PL/SQL,UNIX, Agile SDLC

**Amazon.in**  *SDE 1*　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 2021 - June 2021

- Designed and developed a sophisticated CRM system in Java, empowering the sales team to efficiently handle leads, monitor their advancements
- Implemented features that allowed the sales team to effectively manage leads, track their progress, and optimize the sales process.
- Engineered a solution utilizing JavaScript on the client side to track user engagement on the website, coupled with AJAX requests to update the server in real-time. This initiative significantly enhanced sales strategies by providing valuable insights into customer behavior.
   *Tech Stack* - Java, Java Script

## PROJECTS

**E-COMMERCE (MERN Stack)**　　　　　　　　　　　　　　　　　　　　　　　　　Sept 2023 - Nov 2023

- Built a shopping application with responsive design  for clothing where users can navigate through various pages using MERN stack. It provides a platform for users to view and purchase various products. The server-side (Node. js with Express) manages the API for product data stored in a MongoDB database. The client-side (React) handles the user interface(UX/UI) and interacts with the server to fetch and display product information.
   *Tech Stack* - MongoDB, Express, Node JS, React JS,Redux, Google OAuth

**MEAL PLANNER | MODEL N**　　　　　　　　　　　　　　　　　　　　　　　　　Aug 2021 - Oct 2021

*Developed an application as a part of training process*

- Developed and implemented a web application designed to optimize resource planning for food vendors by facilitating advance meal preparation scheduling.
- Led the development of the frontend, with a keen focus on employee interfaces, enabling seamless pre-booking, subscription management, cancellation, and historical tracking functionalities using React.js, extensively utilizing props, states, components, and hooks.
- Designed and implemented RESTful APIs to support the application's functionality.
- Additionally, deployed the web application using Jenkins for automated continuous integration and continuous deployment (CI/CD) processes. Maintained the application on Amazon Web Services (AWS), ensuring seamless performance, scalability, and reliability
   *Tech Stack* - React JS, Spring Boot, MySQL, Jenkins, AWS

## SKILLS

**Software:** Java, Python, JavaScript, C, C++,  HTML, PHP, CSS, XML, JSP, JSON, Angular, BootStrap, Jquery, Devops, REST API, SOAP, GraphQL, MVC, Gradle **Operating Systems:** Windows, IOS, Linux, Unix

**Database**: MySQL, Oracle-SQL, Postgres, Firebase

**Tools:** Github(version control), AWS, EC2, Gradle, Maven, Junit, Mockito, Apache Tomcat, Wireshark, Postman, Jira, VS Code, Confluence

**Frameworks***:* Django, Flask, Jenkins*,* React JS, Spring Boot,docker,kubernetes, Tailwind Css, Next.js, TypeScript, Vue.js, Mockito