**MANASA P**

**Wylie, TX**  | **+1(940)977-1566 |** **Email:** [manasap162@gmail.com](mailto:manasap162@gmail.com%20%20%20) | **LinkedIn:** <https://www.linkedin.com/in/manasa45>

# PROFESSIONAL PROFILE

* As a Software Engineer, I have over 3 years of industry experience in the field of Application development Associate.

# EDUCATION

# Master’s in Computer Science Aug 2021 - Dec 2022 University of North Texas, Denton, TX. GPA: 3.63

# Bachelor of Technology in Computer Science and Engineering Aug 2015-*May 2019*

Jawaharlal Nehru Technological University Hyderabad, India.

**TECHNICAL SKILLS**

**Skills :** C**,** Java, Python, MySQL, NoSQL, Oracle, Angular.js, Spring, Linux, MVC, React.js, HTML, CSS, XML, PHP, Java Script, Node.js, TypeScript, Microservices, Terraform, AWS, Azure, Jenkins, Kubernetes, Docker, Node.JS, Maven, Gradle, Junit, Mockito, Bitbucket, Tableau, GitHub, Agile/Scrum methodologies.

**PROFESSIONAL EXPERIENCE**

**American Express – Backend Developer** Oct 2023 – Present

* Participated in multiple stages of the Software Development Life Cycle (SDLC), encompassing activities such as requirement gathering, modeling, analysis, architecture design, prototyping, development, and testing.
* Utilized Jenkins for implementing Continuous Integration and Continuous Deployment processes.
* Implemented Docker for container management, including the utilization of volumes, container-based databases and services. Also, configured and set up Docker Artifactory.
* Microservice architecture with Spring Boot, integrating ETL, iPaaS and API-based services. Facilitated communication through a combination of REST APIs, IntelliJ, JSP, Maven, Batch, and Apache Kafka message brokers. Leveraged AWS within CI/CD pipelines for seamless integration.

**Accenture Solutions Pvt Ltd, Application Development Associate – Software Engineering** June 2019 to July 2021.

* Interacted closely with clients and stakeholders to gather requirements, offer regular updates, and address inquiries, fostering strong client relationships.
* Thrived in Agile environment, actively participating in sprint planning and retrospectives to drive project efficiency.
* Executed performance analysis and optimization while collaborating with QA teams, ensuring the delivery of high-performance, error-free software with well-documented processes. Leveraged Git for efficient version control and team collaboration.

**Ennoble Technologies India Pvt. Ltd, India (Intern)** May 2018 – Dec 2018

* Contributed actively to a real-time project, gaining hands-on experience in problem-solving, code optimization, and debugging.
* Implemented and followed the Model-View-Controller (MVC) architectural pattern to create modular and scalable software solutions.
* Collaborated with the development team to design, develop, and maintain Spring Boot applications, ensuring optimal performance and reliability.
* Worked with relational databases, including data modeling, schema design, and SQL queries, to store and retrieve data efficiently.
* Analyzed and solved complex technical challenges by researching and applying innovative solutions.

**TECHNICAL PROJECTS**

**Efficient Traceable Authorization Search System for Secure Cloud Storage:**

* Successfully integrated the EF-TAMKS-VOD software into the project, leveraging its security features to enhance the system's robustness against threats.
* Worked on user authentication mechanisms, ensuring that only authorized users could access the system and perform actions according to their permissions.
* Designed and implemented fine-grained access control mechanisms to restrict data access based on user privileges, enhancing data security in a multi-user environment.

**Email BOT:**

* Implemented artificial intelligence algorithms and natural language processing techniques to enable the Email BOT to understand and interpret incoming emails.
* Engineered the BOT to engage in real-time interactions with email senders, providing instant and meaningful responses, thereby increasing user engagement.
* Collaborated closely with cross-functional teams, including AI developers, data scientists, and user experience designers, to deliver a cohesive and effective Email BOT solution.