# MANOGNA CHEEKOTI

+18134358949 ◇ Tampa, FL ◇ [manognacheekoti@gmail.com](mailto:manognacheekoti@gmail.com) ◇ [https://www.linkedin.com/in/manogna-cheekoti-103ab0157/](https://www.linkedin.com/in/manogna-cheekoti-103ab0157/)

## EDUCATION

**Master of Computer Science**, University of South Florida                                                    May 2024
Relevant Coursework: Introduction to Data Structures, Computer Architecture, Operating Systems, Human Computer Interaction, Cloud Computing

**Bachelor of Computer Science**, Gitam University                                                    Jun 2021
Relevant Coursework: Programming with C, Introduction to C++, Programming with Java, Artificial Intelligence, Data Structures, Software Engineering

## SKILLS

| | |
|---|---|
| **Data Analytics:** | MS Word, MS Excel, Tableau |
| **Programming Languages:** | Python, Java, C, C++, J2EE, C# |
| **Web-based Programming:** | HTML5, CSS, JavaScript, Angular, React JS, PHP, .NET, Django, JSON, AJAX, Bootstrap, NodeJS |
| **Databases:** | MySQL, PL/SQL, MongoDB, PostgreSQL, SQL |
| **Cloud Technology:** | Kubernetes, Docker, AWS ,Azure |
| **Project Management:** | JIRA, Microsoft Office Suite, Agile and Scrum Methodologies |
| **IDEs:** | Eclipse, IntelliJ, Postman, Jupyter Notebook, Git, MATLAB |
| **Testing and Logging Frameworks:** | JUnit, Log4J, SoapUI, TestNG, Selenium WebDriver |
| **JAVA/J2EE Technologies:** | Servlets, JSP 1.2/2.0/3.0, Java Beans 3.0, JSTL, JDBC, JSF, RMI, JNDI, JMS |

## EXPERIENCE

**Software Engineer**                                                    Aug 2022 - May 2024
Prime Soft Technologies                                                    *United States*

- Engineered and maintained high-throughput web services using Java and Spring Boot on AWS and Azure, achieving a 50% increase in concurrent user transactions and a 40% reduction in latency, ensuring scalability,reliability under heavy traffic.
- Led DevOps transformation by implementing Docker for containerization and serverless workloads on AWS, resulting in a 30% reduction in deployment time and a 25% increase in deployment frequency.
- Established and managed CI/CD pipelines using Jenkins, integrating with AWS and Azure cloud services, and Git for version control, which improved deployment efficiency by 40% and reduced integration issues by 35%.
- Developed front-end interfaces using jQuery and React, enhancing user engagement and reducing page load times by 20%.
- Integrated Apache Kafka for real-time data processing, increasing application responsiveness and throughput by 40%, and utilized ORM technologies like Hibernate to optimize data access, resulting in a 25% improvement in database performance

**Assistant System Engineer (USAA)**                                                    Jun 2020 - Jul 2022
TCS                                                    *Hyderabad, India*

- Designed and optimized backend infrastructure using Java/J2EE, Spring Framework, and Hibernate, boosting data throughput and reducing processing latency by 20%,while integrating ORM technologies to ensure efficient data management.
- Developed and maintained full-stack web applications with Angular, React, JavaScript, jQuery, HTML5, and CSS3, implementing RESTful APIs to streamline business processes and cut operational costs by 15%.
- Implemented responsive web design using Bootstrap, significantly improving user experience and achieving a 20% increase in client satisfaction through enhanced interface design and functionality.
- Automated data processing tasks with Shell Scripting and Python, enhancing operational efficiency by 40% and reducing manual intervention in data workflows.
- Optimized database operations across SQL Server, MySQL, MongoDB, and Oracle, improving data integrity and query performance by 25%, and leveraging NoSQL and relational databases to meet diverse data persistence needs.

## PROJECTS

- **Financial Dashboard**: Created a financial dashboard application that integrates with external financial APIs to fetch and display real-time financial data. Implemented features like user authentication, data visualization using charts/graphs, portfolio management, and alerts using Spring Boot, Spring Security, and a frontend framework like React or Angular. Certifications

## CERTIFICATIONS

**AWS Developer Associate**

**Software Engineering at J.P. Morgan Program**