

GOPI KRISHNA TADAPANENI

tadapanenigopikrshna@gmail.com || www.linkedin.com/in/gopi-krishna-tadapaneni-153b531b6 || <https://github.com/Gopi4596>

EDUCATION

Texas A&M Kingsville, Kingsville, Texas

December 2023

Master of Science, Computer Science GPA: 3.67

- Relevant Coursework: Java, Fundamental Algorithms, Data Structures, Operating Systems, Mathematical Techniques for Computer Science, Programming Languages

Dhanekula Institute of Engineering and Technology, Vijayawada, India

May 2022

Bachelor of Engineering, Computer Science and Engineering GPA: 3.5

- Relevant Coursework: Discrete Mathematics, Principles of Programming Languages, Database Management Systems, Distributed Computing, Information and Network Security, Computer Networks, Object Oriented Programming

SKILLS

- **Coding Languages:** Java, JavaScript, Spring, Python, C++, C, PHP, HTML, CSS, R, SQL, NoSQL.
- **Other Languages:** Git, MySql, jQuery, JSF, AngularJS.

EXPERIENCE

Quantum Tech LLC, Centennial, CO

February 2024-Present

Java Developer Contract

- Innovated responsive, multi-browser compatible web solutions using HTML5, CSS3, jQuery, JavaScript, and TypeScript enhancing user experience.
- Configured security authentication and session management using AngularJS Interceptors, enhancing code efficiency by 40% and integrating MVC capabilities for streamlined development and testing processes, reducing bugs by 25%.
- Developed and Deployed SOAP and RESTFUL web services, leveraging axis frameworks to modernize legacy systems resulting in a 25% reduction in system downtime and a 15% increase in operational efficiency.
- Architected a robust cloud identity management platform leveraging PCF and microservices, boosting system agility and performance by 35% while cutting operational costs by 20% leading to 10% rise in customer retention.
- Reengineered the application on the presentation layer using spring MVC and AJAX, revamped the underlying business logic using spring and hibernate.
- Redesigned and deployed a DAO layer with Hibernate for IBM DB2 access using JPA entities and relationships resulting the efficiency of database interaction.

Vodafone, Hyderabad, IN

June 2020 - July 2022

Jr. Java Developer Intern

- Prepared an application using Spring Framework that leverages classical MVC architecture. Incorporated UML diagrams including use case diagrams, class diagrams, interaction diagrams and activity diagrams to enhance accuracy by 40%.
- Upgraded and tested 20+ User Interfaces using HTML5, jQuery and JSF resulting 35% reduction in user reported issues.
- Crafted mobile applications with cross-browser compatibility using HTML5, CSS3, and JavaScript.

PROJECTS

BMS – Big Mart Sales Prediction (Python, ML)

December 2021

- Optimized a machine learning algorithm for Big Mart by cleaning and training sales data, improving accuracy of sales predictions and reducing data preparation time.
- Conceptualized machine learning models including Linear, Ridge, and Random Forest Regression for sales prediction; achieved a 90% accuracy rate, optimizing inventory turnover and improving revenue by 12%.

LMS – Library Management System (JAVA)

June 2019

- Engineered a Comprehensive library management system, tracking book checkouts, returns, and fines which boosted operational efficiency by 40% and reduced late returns by 25%.

CERTIFICATIONS

- **Mindtree**, Bangalore, India. November 2019 – February 2020
Gained hands on experience related to java programming by doing an online internship conducted by Mindtree.
- **JavaScript** Certification by Infosys Springboard.
- **PCAP Programming Essentials in Python**, Certification by Cisco Networking Academy.