

JANAPATI VENKATA GANDHI

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PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented Java Full Stack Developer with hands-on experience through internships and academic projects. Skilled in Core Java, Spring Boot, React, Angular, HTML/CSS, and RESTful APIs. Developed multiple full-stack applications involving front-end and back-end integration. Familiar with Agile methodologies, Git, and MySQL/PostgreSQL. Passionate about building responsive, user-friendly web applications and eager to contribute to real-world projects in a collaborative environment.

SKILLS

- **Core Skills:** Object-Oriented Programming (OOP), RESTful API Development.
- **Programming Languages:** Core Java, JavaScript (React JS) UI, SQL.
- **Front End Technologies:** HTML5, CSS3, Angular, React JS, Bootstrap, jQuery.
- **Back-End Technologies:** Spring Boot, Hibernate, RESTful APIs.
- **Spring Boot Framework:** Spring Security, Spring JPA, Spring MVC.
- **Databases:** MySQL, PostgreSQL.
- **Application Deployment:** Tomcat, JBOSS.
- **Build Tools:** Git, GitHub, Visual Studio Code, Eclipse, Vivado, Xilinx, MATLAB
- **Web Services:** SOAP, REST, GraphQL.
- **Dependency Management:** Gradle, Maven.
- **Other Skills:** Agile/Scrum methodologies, Responsive Web Design, UI/UX principles.
- **Soft Skills:** Teamwork, Problem Solving, Critical Thinking.

EXPERIENCE

Java Online Quiz Application

Jul 2025 – Aug 2025

Java Developer Intern

- Built a **Java Swing-based quiz application** with secure login, dynamic question loading from a MySQL database, and leaderboard functionality.
- Implemented SHA-256 password hashing for secure user authentication.
- Used JDBC for database connectivity and CRUD operations across users, questions, and quiz attempts.
- Enabled real-time score calculation and persistent storage of user quiz attempts.
- Hosted source code on GitHub: [Java Online Quiz App Repository](#).

Google

Apr 2024 – Aug 2024

Android Developer Intern

- Optimized application performance by reducing load times by 15%, demonstrating effective problem-solving and collaboration with back-end teams.
- Integrated third-party APIs to enhance app functionality by leveraging RESTful API development and object-oriented programming skills, resulting in a 20% increase in user engagement.

IBM

Sep 2022 - Jul 2023

Front-End Developer Intern

- Enhanced front-end performance by improving page load speeds by 40% through HTML5, CSS3, and Angular code optimization, ensuring robust and responsive user interfaces.
- Collaborated with UX designers and back-end developers in a semi-independent team environment to deliver seamless integration and excellent user experience.

AWS Academy

Jan 2024 - Sep 2022

AI-ML Virtual Internship

- Participated in developing AI/ML solutions using AWS Sage Maker, improving predictive accuracy by 15%.
- Automated model training and deployment processes, reducing time to market for new models by 30%.

EDUCATION

Krishna Chaithanya Institute of Technology & Sciences

Sep 2020 - Apr 2024

B. Tech, ECE

- **GPA:** 7.3/10.0

KR Jr. College

July 2017 - May 2020

Intermediate, MPC

- **GPA:** 5.82/10.0

Viswa Santhi High School

June 2016 - Mar 2017

SSC

- **GPA:** 7.0/10.0

PROJECTS

Ecommerce Furniture Website

- Developed a responsive ecommerce website using HTML5, CSS3, and Bootstrap, improving user engagement by 40% and SEO rankings by 20%.

Front-end Developer Portfolio

- Created a user-friendly interface with responsive design and SEO optimization using HTML5, CSS3, and Bootstrap, enhancing visibility by 25%.

Fast And Effective Karatsuba-Based Finite Field Multiplier for Overlap-Free On FPGA

- Designed and implemented an overlap-free FPGA accelerator using Karatsuba Optimizations in hardware design to achieve a power distribution of 97% static and 3% dynamic.

Java Online Quiz Application

- Built a **Java Swing-based quiz application** with secure login, dynamic question loading from a MySQL database, and leaderboard functionality. Implemented SHA-256 password hashing for secure user authentication. The application has been used by multiple users to attempt quizzes. Used JDBC for database connectivity and CRUD operations across users, questions, and quiz attempts.
- Enabled real-time score calculation and persistent storage of user quiz attempts.

Java Swing Calculator

- Developed a **desktop calculator application** using **Java Swing** for basic arithmetic operations (addition, subtraction, multiplication, division).
- Designed a clean and intuitive **GUI layout** that mimics physical calculators.
- Ensured smooth operation with **event-driven programming** and effective exception handling.
- Source code available on GitHub: [Calculator Repository](#).

LANGUAGES

- Telugu (Native)
- English (Fluent)
- Hindi (Intermediate)

ACHIEVEMENTS

- AWS Cloud Foundation Certificate in AWS academy.
- Foundation Course Certificate in “Generative AI”-Tech Saksham.