

# Dangeti Sai Gayatri Vishwesh

Tilak Road, Rajahmundry, Andhra Pradesh | vishud2025@gmail.com | +91 7793985673

linkedin.com/in/dangeti-sai-gayatri-vishwesh | github.com/Vishwesh2026

## EDUCATION

B.Tech. (C.S.E) at Aditya College of Engineering and Technology 2022 - Present  
Class 12th, Tirumala Junior College 2022

## SKILLS

<b>Programming Languages:</b>	C , C + + , Java, Python
<b>Core:</b>	Data Structures and Algorithms, OOPS, DBMS
<b>Front-End Technologies:</b>	HTML5, CSS, JavaScript (Basic)
<b>Databases:</b>	MySQL
<b>System Skills:</b>	Linux (Redhat)
<b>Developer Tools and Others:</b>	GitHub, VS Code, Cyber Security Tools

## PROJECTS

**Inventory Management System - Java Based Inventory Management System** Source code

- Created a Java application using Swing, AWT, and MySQL to manage inventory with three key technologies.
- Implemented a price-based product filter, optimizing database queries and improving user data access.

**My Portfolio** Live demo

- Built a personal portfolio website using HTML, CSS, and JavaScript, featuring 5+ projects and achieving a 100% responsive design across all device sizes, showcasing web development skills and interactive features.
- Engineered interactive elements with JavaScript for seamless navigation on the personal portfolio website; streamlined access to project showcases led to an average session duration of over five minutes per visit.

**Web Application Penetration Testing Toolkit** Source code

- Developed a web application for testing, designed to detect and mitigate three key vulnerabilities: SQL Injection, Cross-Site Scripting, and Cross-Site Request Forgery, improving web security analysis and testing capabilities.
- Implemented security testing features in a mini-project that automates the detection of common web vulnerabilities, enhancing understanding of web application security.

**Graphical Password Authentication System** Source code

- Developed a secure authentication system utilizing PHP for back-end processing and JavaScript, HTML, and CSS for front-end implementation, incorporating a grid-based password selection and verification mechanism.
- Engineered and deployed an intuitive user interface enabling image-based password registration and secure hashed passphrase storage, optimizing both security and user experience.

## INTERSHIPS

**Technical Hub - Student Intern** link

- Completed a Java internship at Technical Hub, gaining hands-on experience in Java development by contributing to one project and applying coding principles in over multiple practical exercises.
- Mentored and guided junior trainees for three months, enhancing their Java knowledge and practical skills.

**Technical Hub - Summer Internship** link

- Designed and Deployed a detailed reporting system for penetration testing results, facilitating faster decision-making; Four team members now utilize the system to track vulnerabilities.
- Created a project applying three key concepts that I learned during the internship, improving cybersecurity skills and hands-on experience with penetration testing tools.

## COMPETENCY

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<b>LeetCode:</b> Solved 200+ Problems, Achieved Monthly Badges Of 100 days, July Badge.	Vishwesh2026
<b>GeeksForGeeks:</b> Solved 150+ Problems, Campus Rank 437.	vishwesh_d
<b>HackerRank:</b> 5 Star in Data Structures and Algorithms, C, C++ , Java, Python.	22p31a0508

## CERTIFICATIONS

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<b>Languages:</b> IT Specialist in HTML & CSS , Python , Java Certiport Pearson.	All Links
<b>Technologies:</b> Redhat System Administration , CCST Cyber Security.	