

# Venkata Siva Manoj Yalla

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## Professional Summary

Passionate B.Tech Computer Science Engineering student with hands-on experience in Java development, web technologies, and machine learning. Proficient in building full-stack applications and solving algorithmic problems. Seeking opportunities to apply my skills as a Java Developer and grow in a challenging work environment.

## Education

Year	Institution & Degree
2022 – Present	B.Tech in Computer Science Engineering (Internet of Things), Aditya College of Engineering and Technology (CGPA: 7.32)
2022	Class 12th, Aditya Junior College

## Skills

Category	Skills
Core Concepts	Data Structures, Algorithms, OOP, DBMS, Operating Systems
Programming Languages	Java, Python, C
Web Technologies	HTML5, CSS3, JavaScript
Databases	MySQL, MongoDB
Tools & Platforms	VS Code, Eclipse, Postman, Git, Jupyter Notebook
Frameworks & Libraries	Spring Boot, Pandas, Matplotlib, Seaborn
Domains	IoT, Data Analysis, Backend Development

## Projects

Project	Details
My Portfolio	<ul style="list-style-type: none"><li>Developed a responsive portfolio website ensuring compatibility across various screen sizes and devices.</li><li>Created an interactive platform where users can download my resume, view projects, and explore earned certifications.</li></ul> <p><b>Technologies Used:</b> HTML5, CSS3, JavaScript.</p> <p><a href="#">Source</a></p>
Bank Management System	<ul style="list-style-type: none"><li>Developed a Bank Management System in Java and JDBC, allowing secure management of over 500 customer accounts and transactions.</li><li>Integrated an SQL database to store user data with optimized queries for 25% faster data retrieval and seamless banking operations.</li><li>Designed a robust backend architecture, ensuring secure data transactions and efficient communication between Java applications and the database.</li></ul> <p><b>Technologies Used:</b> Java, JDBC, SQL.</p> <p><a href="#">Source</a></p>
Pizza Delivery App	<ul style="list-style-type: none"><li>Built a Pizza Ordering Website with an intuitive interface, enabling users to customize and place orders easily.</li><li>Implemented a responsive design to ensure smooth functionality across desktops, tablets, and mobile devices.</li><li>Developed interactive elements like dynamic cart updates, order tracking, and real-time price calculations using JavaScript.</li></ul> <p><b>Technologies Used:</b> HTML, CSS, JavaScript.</p> <p><a href="#">Source</a></p>
IPL Player Performance Dashboard	<ul style="list-style-type: none"><li>Developed an interactive dashboard that displays IPL players' complete career stats, performance insights, and visual analytics.</li><li>Integrated fuzzy name matching to retrieve player data accurately, even with partial or misspelled inputs.</li><li>Implemented data visualizations such as strike rate over seasons, team-wise performance, and consistency graphs using Matplotlib and Seaborn.</li><li>Streamlined user input to generate automatic stat breakdowns, insights, and estimated player worth using Streamlit.</li></ul> <p><b>Technologies Used:</b> Python, Pandas, Matplotlib.</p> <p><a href="#">Source</a></p>

## Certifications

Certification	Organization
Programming Foundations with Java	Infosys Springboard
Introduction to Industry 4.0 & Industrial IoT	NPTEL
Python & Machine Learning Essentials (Workshop)	SkillDzire
Data Analysis Using Python	APSSDC
Application Development with AI & Essensial Skills(ESTP)	Brain-O-Vision

Competency

LeetCode: Solved 200+ problems   Max Rating: 1667 <a href="#">Profile</a>
HackerRank: 5-Star in DSA, C, Java and Python. <a href="#">Profile</a>