

JAYANTH T

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Highly analytical Technologist with strong OOP (Java, C#) and CS fundamentals, eager to apply technical skills to understand business requirements and deliver quality-focused consulting solutions. Eager to contribute to complex projects by applying strong problem-solving and documentation skills.

EDUCATION

Bachelor of Engineering (BE) Electronics and Communication Engineering
Saveetha engineering college, Chennai | 2021 - 2025 | **CGPA: 7.6**

TECHNICAL SKILLS

- **Programming Languages:** Java (Collections, JDBC, Hibernate), C# (.NET), Python (Basic), Javascript, C
 - **CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Design Patterns, Operating Systems (Windows, Linux)
 - **Web Technologies:** HTML5, CSS3
 - **Database:** SQL (Oracle, Joins, Subqueries, Grouping, DDL/DML/TCL)
 - **Tools & Platforms:** Git, GitHub, VS Code, Eclipse, MS Office
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EXPERIENCE

- Internship** - Tube Investments of India(TIDC) Jan/25/23
- Analyzed production workflows and identified process optimizations.
 - Documented standard operating procedures (SOPs) for machinery maintenance.
- Inplant Training** - Dynamic Automation Embedded Solution Jul/18/23
- Gained experience in embedded systems, including microcontroller programming with Arduino.
 - Learned to interface sensors and actuators for automation tasks.
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PROJECTS

Banking Console Application (C#) - GitHub: <https://github.com/jayantht-dev/BankingApp>

- Built a C# banking app demonstrating OOP (Inheritance) and managing data with List<Account>.
- Applied polymorphism by overriding Withdraw to implement custom overdraft rules and fees.

Food Ordering App (Java) - GitHub: <https://github.com/jayantht-dev/FoodOrderingApp-java>

- Built a Java-based console application simulating a food ordering system.
- Implemented OOP concepts, menu browsing, order placement, and billing.
- Used GitHub for version control, simulating collaborative development.

Road Weather Conditions Monitoring System

- Developed a car-camera based weather prediction by analyzing road conditions visually.
- Implemented using CNN (DeepVisionX-Net) with exposure to AI/ML concepts.

Flame and Smoke Detection

- Developed an Arduino-based sensor system with real-time flame/smoke detection and wireless alerts.
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CERTIFICATION & SIMULATION

- AI Upskilling Certificate: Technical Foundations by Qualcomm
 - Data Analytics and Visualization Job Simulation – Accenture (Forage)
 - Power BI Job Simulation – PwC Switzerland (Forage)
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INTERPERSONAL SKILLS

- Communication (Internship)
- Teamwork (Project)
- Problem Solving (Project)
- Time management (Project)