

# Sudharsan R

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## CAREER OBJECTIVE

Third-year engineering student specializing in CSBS with a strong foundation in Java and MySQL. Seeking an entry-level opportunity to apply technical skills, problem-solving abilities, and continuous learning in a growth-oriented organization.

## EDUCATION

### B.Tech in Computer Science and Business Systems

Panimalar Engineering College, Chennai, India | CGPA: 8.2 / 10 2023 – 2027

### Higher Secondary Certificate (Class XII)

Bharathidasan Matriculation Hr Sec School, Kanchipuram, India | percentage: 82% 2022 – 2023

### Secondary School Certificate (Class X)

Bharathidasan Matriculation Hr Sec School, Kanchipuram, India | percentage: 80% 2020 – 2021

## TECHNICAL SKILLS

**Programming Languages:** Java, HTML, CSS.

**Database:** MySQL.

## PROJECTS

### ATM Simulation System Java, File I/O, OOP, Java Collections

- Built a console-based ATM simulation with features like login, withdrawal, deposit, balance inquiry, and fund transfer.
- Implemented file-based data storage (accounts.txt) to manage account and PIN information without a database.
- Added features like PIN recovery, transaction history, and printed-style receipts to simulate real-world ATM behavior.

### Java Mini Games Java, OOP, Swing, AWT, File I/O

- Developed Java-based classic games (Connect Four, Snake, Tic Tac Toe, Rock Paper Scissors, Guess the Number) using console and Swing GUI.
- Applied OOP concepts, event-driven programming, and Java collections for game logic and state management.
- Implemented dynamic gameplay features such as scoring, difficulty levels, and real-time input handling.

## INTERNSHIP

### Java Programming Intern – Vault of Codes 05th Nov – 05th Dec 2025

- Developed practical applications using Core Java, applying object-oriented programming (OOP) concepts, event handling, and structured programming principles.
- Improved coding, debugging, and problem-solving skills through hands-on assignments and mentor-guided development tasks.
- Strengthened software design and teamwork abilities by collaborating on development activities to build efficient and user-friendly application.

## CERTIFICATION

- Java Programming – Udemy: Completed the beginner-level course covering core Java concepts and practical coding.
- SQL and Relational Databases – Cognitive Class (IBM): Completed a course on relational databases and SQL.
- Technology Job Simulation – Deloitte: Completed practical tasks in coding and development through Forage.