Sudharsan R

Sudharsan.ramachandran336@gmail.com| Linkedin: Sudharsan Ramachandran| Github: sudharsan-336

Education

Panimalar Engineering College, **Chennai, India**   2023 – 2027

B.Tech in Computer Science and Business System.

• CGPA: 8.3 / 10

Technologies

Languages: HTML, CSS, Java.

Database: MySQL, Firebase, PostgreSQL.

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.

Internships

Java Development Intern - InternPe   28th July – 24th Aug 2025

- Completed a series of Java-based interactive game projects, including Guess the Number, Tic Tac Toe, Rock Paper Scissors, and Connect Four.
- Applied object-oriented programming (OOP), event handling, and algorithmic logic to design engaging and user-friendly applications.
- Strengthened software design, problem-solving, and teamwork skills through structured, mentor-guided development tasks.

Java Programming Intern - CODTECH IT Solutions Pvt. Ltd.   26th Sep – 11th Nov 2025

- Completed a 6-week internship focused on Java programming, file handling, REST APIs, and AI-based applications.
- Developed practical projects, including a chat system and a recommendation engine using Java, JSON, and Apache Mahout.
- Enhanced coding, debugging, and teamwork skills through mentor-led assignments and collaborative development.

Certificate

- **Java Programming-Udemy:** Completed a 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.
- **Networking Basics – Cisco:** Completed a course on core networking concepts and Cisco Packet Tracer.