

KARTHIKEYAN S

Salem, Tamil Nadu, India

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EDUCATION

B.E. Computer Science and Engineering

Knowledge Institute of Technology, Salem

CGPA: 8.01

Expected 2025

Class XII

Sri Vidya Mandir Senior Secondary School

83.2%

2021

Class X

Sri Vidya Mandir Senior Secondary School

83.2%

2019

TECHNICAL SKILLS

Programming Languages : Java, C

Technologies and Frameworks : Spring Boot, MySQL, Git, REST API

Tools : IntelliJ IDEA, GitHub, VS Code, MySQL Workbench, Postman

PROJECTS

Real-Time Chat Application

([GitHub](#))

Technologies/Tools : Java, Spring Boot

- Developed the backend of a real-time chat application using Spring Boot, enabling efficient communication through WebSockets.
- Configured WebSocket endpoints and implemented message handling to ensure smooth, real-time interactions.
- Implemented session management and message persistence to maintain reliable communication across user sessions.

To-Do List

([GitHub](#))

Technologies/Tools : Java, Spring Boot, MySQL, Hibernate

- Built a scalable backend for a To-Do List application using Spring Boot, improving code maintainability.
- Integrated MySQL for persistent data storage, ensuring reliable and fast data access.
- Designed user-friendly JSP web pages to facilitate seamless CRUD operations, boosting user productivity in task management.

Bug Tracking System

([GitHub](#))

Technologies/Tools : Java, MySQL

- Developed a console-based Bug Tracking System to track software issues, and designed an efficient MySQL database schema for data storage.
- Utilized Java and JDBC to build the backend logic, ensuring robust data handling and seamless communication with the database.

INTERNSHIPS

Java and Data Structures - SmartCliff Learning Solutions

6-week Internship

Gained expertise in Core Java, focusing on OOP principles, secure coding, and real-world applications like inventory systems. Enhanced debugging, algorithm design, and tool proficiency with IntelliJ IDEA and Git.

Java Programming - Codsoft

4-week Virtual Internship

Gained in-depth understanding of Core Java programming through practical experience, including the development of small-scale projects.

CERTIFICATES

- Java and Spring Framework with Spring Boot - [Udemy](#)
- Git for Beginners - [Udemy](#)
- Java Programming - Oracle Academy
- Database Programming with SQL - Oracle Academy

ACHIEVEMENTS

- Secured 2nd place among 30 teams in the Technical Quiz at Kongu Engineering College, Erode.
- Won 2nd place in a Debugging Challenge, competing with over 60 participants at MEC, Rasipuram.

WORKSHOP

- Rapid Development with AI-powered Tools