

# KARTHIKEYAN S

Salem, Tamil Nadu, India

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## EDUCATION

### B.E. Computer Science and Engineering

Knowledge Institute of Technology, Salem

CGPA: 8.25

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, SQL, Python (basic), ABAP (basic)

**Technologies and Frameworks** : Spring Boot, REST API

**Tools** : MySQL, Git, GitHub, Postman

## EXPERIENCE

### Intern - KaarTech, Chennai, India

March 2025 - Present

- Undergoing structured training in SAP functional modules, ABAP programming, Python, and foundational concepts in AI/ML.
- Engaged in guided tasks and learning exercises to build practical understanding of ERP systems, business process configuration, and automation, while also exploring core programming and data handling skills in Python alongside introductory AI/ML concepts.
- Developing a foundational understanding of enterprise systems and applying problem-solving skills in a professional environment.

## PROJECTS

### Email Reply Generator

([GitHub](#))

Technologies/Tools : Java, Spring Boot, Gemini API

- Developed a backend system for a browser extension to automate email reply generation, leveraging the Gemini API with dynamic, tone-customizable prompt creation.
- Designed a RESTful controller and service layer to process requests, manage Gemini API integration, and deliver formatted responses efficiently.
- Enhanced email workflows with context-aware automation and cross-origin support, ensuring seamless extension compatibility with frontend interfaces.

### Real-Time Chat Application

([GitHub](#))

Technologies/Tools : Java, Spring Boot

- Developed the backend for a real-time chat application using Spring Boot, enabling efficient bidirectional communication via 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

- Implemented CRUD operations to manage task creation, updates, and deletion with persistent storage.
- Implemented user authentication and session management for secure, personalized task access.
- Structured the system with MVC architecture and dependency injection for modularity and maintainability.

## CERTIFICATES

- Java and Spring Framework with Spring Boot - [Udemy](#)
- Git for Beginners - [Udemy](#)
- Rapid Development with AI-powered Tools - Workshop

## 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.