KAVIYA NAGARAJU
6, Thomas Nagar,
Ullagaram,
Chennai 600091
Mobile: +91-9514379779
Email: nkaviyanagaraju@gmail.com

Profile Summary

- **2 years of experience in software development.**
- Proficient in **Core Java**, **Spring Boot**, **JPA**, **RESTful APIs**, **Gradle**, and **Maven**.
- Strong skills in Java development, including **OOP concepts**, **Exception Handling**, **Collections**, and **Multithreading**.
- Experienced in developing **RESTful Web Services** and REST clients for seamless data communication.
- Hands-on experience with **Kafka** (Source and Sink connectors), **Redis**, and **Highcharts** for building robust reporting and dashboard solutions.
- Proficient in developing interactive dashboards using **Angular** and integrating frontends with Java-based backends.
- Completed POCs on **Cloud Run** and **Cloud Functions** in GCP.
- Worked with tools such as **Jenkins** and **PCF** for deploying packages to various servers and analyzing log files.
- Solid knowledge of RDBMS like **MySQL** and **PostgreSQL** and experience in optimizing queries for performance.
- Designed and implemented application modules using **HTML**, **CSS**, and **JavaScript** for frontend development.
- Proficient with tools such as **GitHub**, **IntelliJ IDEA**, **WebStorm**, **VS Code**, and **Postman**.
- Experienced in managing software development projects through the full **SDLC**, focusing on **Agile methodologies**.
- Strong team player, adhering to senior opinions while proactively contributing ideas for task completion.
- Excellent communication and interpersonal skills, enabling effective collaboration in diverse team environments.

Professional Experience

Software Engineer

Mavens I Softech Solutions, Chennai
February 2023 – Present

Project I: Global Dealer Web Reporting (GDWR) (Ford Project)

- **Description:** GDWR is an application designed to manage reports for Ford dealers, consisting of modules like GDWR UI, Internal User Validation, Scheduler Job, DEFT, and LA. Technologies used include Java, Spring Boot, JPA, RESTful, and MySQL.
- **Roles and Responsibilities:**
    - Implemented business logic based on requirements.
    - Analyzed and fixed defects in development.
- **Tools Used:** IntelliJ IDEA, GIT-Hub, Jenkins, PCF, Postman.

Project II: Metro Train Movement Reports and Dashboards for Alstom

- **Description:** Developed a reporting and dashboard solution for analyzing metro train movement history, supporting role-based access for clients like Eclington, RNA, and DWH of Alstom. Processed data using Kafka connectors, displayed dashboards with Highcharts in Angular, and enabled PDF/CSV report downloads. Redis was used for caching, with periodic data processing automated via a scheduler. The application was containerized using Docker and deployed on Kubernetes for scalability and orchestration

- **Responsibilities:**
  - Designed backend services for data ingestion, processing, and caching.
  - Implemented role-based access control for multi-client support.
  - Developed dashboards in Angular with Highcharts for user-specific data visualization.
  - Configured Kafka connectors for real-time data processing.
  - Automated file scanning and report generation (PDF/CSV) using schedulers.

- **Technologies:** Java, Angular, Kafka, Redis, Highcharts, Spring Boot, Docker, Kubernetes.

- **Tools:** IntelliJ IDEA, VS Code, GitHub, Docker desktop.

Certifications

Basics of Web Development using React Framework

Education

- M.SC in Mathematics with **8.238** (CGPA) from Stella Maris College, Chennai (Oct 2020 - July 2022)
- B.SC in Mathematics with **8.03**(CGPA) from Women's Christian College, Chennai (June 2017 - Sep 2020)
- HSC from Prince Matric Hr. Sec. School, Chennai with an aggregate of **93.5%** (March 2017).
- SSLC from Prince Matric Hr. Sec. School, Chennai with an aggregate of **98.75%** (March 2015).

Personal Profile

- **Date of Birth:** 15-11-1999
- **Father's Name:** Nagaraju
- **Gender:** Female
- **Languages Known:** English, Tamil (Speak, Read, Write)
- **Nationality:** Indian

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date: 28/01/2025
Place: Chennai   KAVIYA NAGARAJU.