KAMALESHBABU M

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SOFTWARE DEVELOPER

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**LOCATION:** Chennai

Focused Software Developer with experience 1+ years of experience in delivering exceptional web applications using Core Java, Spring MVC, RESTful API, MySQL, React JS, Node JS, HTML, CSS, JavaScript.

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**TECHNICAL SKILLS:**

* **UI Web Technologies:** HTML, CSS, XML, JavaScript, AJAX, jQuery, JSON, JSX, Bootstrap, React JS, Express JS, Node JS
* **Programming Languages:** Java, SQL
* **Framework:** Spring MVC
* **Architecture**: RESTful Web Services
* **Databases:** MySQL 5.1.12 / 8.0.32
* **IDE Editor:** NetBeans, Visual Studio Code, Notepad++
* **Testing tool**: Postman
* **Operating Systems:** Windows, Linux
* **APP/Web Servers:** Apache Tomcat, Resin
* **Authorisation methods worked:** Bearer token, Oauth2.0

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**SOFT SKILLS:**

* Time management
* Communication
* Adaptability
* Problem-solving
* Teamwork
* Interpersonal skills

**WORK HISTORY:**

**Software Developer at Flowtrik Technologies Private Limited**

**Work Time Period: September 2022 – Present**

**ROLES & RESPONSIBILITIES:**

* Contribution to all phases of the software development lifecycle of the project using **Spring MVC** framework.
* Developed web interfaces using HTML, CSS, JavaScript (core, AJAX, jQuery, JSX, JSP).
* Improved legacy front end by replacing it with Tomcat API, Java, and Spring. Resulted into 50% faster loading times for our data heavy Java EE application.
* Developed indexed database architecture using **SQL** procedures and triggers and improved database performance by optimizing existing MySQLqueries.
* Designed and Developed **RESTful APIs** for integrating with third-party systems, resulting in a 20% increase in data accuracy.
* Integrating third-party APIs using Java for Firebase Cloud Messaging**,** **Payment Gateway Integration** and monitoring and maps.
* Used **Linux** environment for managing server and database in Cent OS.
* Migration of project to **AWS** environment. And used AWS tools for Web Application hosting in cloud.
* API testing using Postman including various API configurations for reduced processing time and increased performance.
* Identifying and troubleshooting technical issues in Web IOT interaction using Linux commands and log monitoring.

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**PROJECTS:**

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| **CENTRAL MANAGMENT SYSTEM (08/2022 - 12/2023)** | |
| **Technology Used** | Spring MVC, RESTful APIs, Core Java, HTML, CSS, JavaScript, MySQL |
| **Tools Used** | NetBeans, MobaXterm, Workbench |
| **Description** | * Spring MVC based Java EE application with IOT containers and other Java EE based web services for management public EV charge stations in remote area. * RESTful APIs for Mobile app interaction and WebSocket APIs for OCPP standardised IOT (public EV charger) interaction. * Established WebSocket connection using WebSocket version 13.0 to interact with IOT devices and designed WebSocket APIs using java based OCPP standard. |

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| **ENERGY MANAGEMENT SYSTEM (06/2023 - 07/2023)** | |
| **Technology Used** | React JS, Node JS, Express JS, MySQL |
| **Tools Used** | Visual studio code |
| **Description** | * React JS based single page application for tracking and managing all energy sources of the building with reusable and fast responsive web components and data visualisations. * Uses REST APIs for backend using Express JS for data processing and data transferring from database to front end. * CORS enabled resource restriction on the webpage. |

**EDUCATIONAL QUALIFICATIONS:**

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| **Exam / Degree** | **Year** | **Name of Institute** | **University / Board** | **Percentage** |
| **B.E(CSE)** | 2018-2022 | National Engineering College, Kovilpatti, Tamil Nadu. | Affiliated to Anna University Chennai | **80.5%** |
| **Higher Secondary** | 2018 | Nadar Higher Secondary School, Kovilpatti, Tamil Nadu. | State Board | **73.6%** |
| **SSLC** | 2016 | Nadar Higher Secondary School, Kovilpatti, Tamil Nadu. | State Board | **96.8%** |

**DECLARATION:**

I hereby declare that the information furnished above is true and I also assure you that I’ll do my duties to the best of my abilities.