**KAKUTURU UMA MAHESWARI**

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**Objective:**

 Highly skilled and motivated software engineer with **4.5+** years of experience in Java/J2EE technologies. Working in fast-paced/multitasking environments within very tight deadlines and also have a very good exposure to create a highly scalable web application with best coding practices.

**Skills:**

* Programming Languages: **Java (J2EE)**
* Frameworks: **Spring Boot**
* Architectural Style: **Microservices**
* Cloud: Google Cloud Platform (**GCP**)
* Version Control: **Git** (GitHub, Bitbucket, GitLab)
* Development Tools: **IntelliJ, STS, Eclipse**
* Build Tools: **Maven, Gradle, Jenkins**
* Deployment Tools: **Docker, Kubernetes, OKD, Cloudbees, Rancher**
* API Testing Tools: **Swagger, Postman**
* Collaboration Tools: **Confluence, Jira, Azure Boards**
* Web Servers: **Apache Tomcat, JBoss Server**
* Logging and Monitoring: **Kibana**
* Messaging Systems: **Apache Kafka**
* Security Framework: **Spring Security**
* Scheduling and Task Management: **Spring Scheduler**
* REST Clients: **RestTemplate, Feign Client, Retrofit**
* Code Quality and Coverage: **Junit(Mockito)**
* UI Technologies: **HTML, CSS, JavaScript**
* Operating Systems: **Windows XP/7/8/10**

**PROFESSIONAL EXPERIENCE  :**

|  |  |  |
| --- | --- | --- |
| **Duration**  | **Organization**  | **Designation**  |
| **Jan2022-till** | **LTI Mindtree** | **Senior Software Engineer**  |
| **Sep2021-Dec2021** | **Wipro** | **Senior Software Engineer**  |
| **Sep2019-Sep 2021** | **HCL Technologies**  | **Software Engineer**  |

**Senior Software Engineer, LTI Mindtree, Jan 2022 – Present**

**Project :** Allegiant

**Description:** Collaborated with the onsite team to implement new functionalities, including the implementation of a payLater option for users booking flight and hotel packages. Additionally, I enhance existing functionalities using modern coding best practices.

**Responsibilities**:

* Collaborated with the onsite team to gather requirements and design **RESTful APIs** using Spring Boot framework.
* Implemented **microservices architecture**, utilizing **Spring Boot** and **Kafka** for messaging between services.
* Utilized **Spring Scheduler** for task management and scheduling within the microservices ecosystem.
* Good experience in implementing Java OOPS concepts i.e., **Abstraction, Polymorphism, Encapsulation, Inheritance and Exception Handling, Collection Framework, Multi-Threading, Java 8 features.**
* Java libraries - **Apache Commons, Google Guava, JUnit, Mockito, Jackson**
* Tools- **PMD** and code coverage tool - **Jacoco**.
* Conducted unit testing using **JUnit**, writing comprehensive test cases to ensure the quality and reliability of the codebase.
* Integrated Jenkins with version controller (**GIT**) and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Deployed the application on **OKD** (OpenShift Kubernetes Distribution) across multiple environments, such as development, QA1.
* Leveraged **Jenkins** for continuous integration and automated builds, ensuring the efficiency and consistency of the deployment process.
* Collaborated with the cross-functional team to troubleshoot issues, debug defects, and implement appropriate resolutions.
* Utilized **Postman**/**swagger** for API testing, ensuring the correctness and reliability of the RESTful endpoints.
* Participated in code reviews to ensure code quality, adherence to coding standards, and best practices.
* Kept up-to-date with emerging technologies and trends in the Java ecosystem, actively incorporating new tools and techniques to enhance development processes.
* Followed **Agile methodologies**, actively participating in daily Scrum meetings, sprint refinement sessions, sprint planning, and retrospectives.

**Senior Software Engineer, Wipro, Sep 2021 - Dec 2021**

**Project name**: Alight Solutions

 Alight is a leading cloud-based human capital technology and services provider that powers confident health, wealth, and wellbeing decisions for 36 million people and dependents. Alight Work life is transforming the employee experience for people around the world. With personalised, data-driven health, wealth, pay and wellbeing insights, Alight brings people the security of better outcomes and peace of mind throughout life’s big moments and most important decisions.

**Responsibilities:**

* Implemented **Agile** and Scrum Methodology for project Management, Involved in daily stand-up meetings.
* Involved to migrate the monolithic application to **microservices**.
* Designed and implemented Document and WebContent migration strategy from Liferay to Cloud CMS.
* Implemented security measures, including **authentication and authorization** mechanisms, to protect sensitive data and prevent unauthorized access.
* Investigated and resolved production issues, providing timely **bug fixes** and updates to maintain system stability.
* Mentored and provided guidance to junior developers, assisting them in their professional growth and improving overall team productivity.
* Utilised Log4j logging API for debugging and monitoring purposes.
* Developed unit test cases using **JUnit and Mockito** framework for testing accuracy of code.
* Solid working knowledge of source control management systems (i.e., **Git**) and effective code
* **Branching/merging** strategies and used Bitbucket.
* Used **Kibana Dashboards** for the Application Monitoring and to retrieve the Concise and Console Logs.
* Worked with Agile environment and used **JIRA** for managing EPICS, Stories, Tasks, and Issues.

**Software Engineer, HCL Technologies, Sep 2019 - Sep 2021**

**Project name**: ING Italy

**Description:**

 ING Italy is one of the largest banks in Europe[, holding company](https://en.wikipedia.org/wiki/Bank_holding_company) and [financial services](https://en.wikipedia.org/wiki/Financial_services) corporation .Its [bank](https://en.wikipedia.org/wiki/Bank) operates in 19 states. The company also provides financial services such as [asset management](https://en.wikipedia.org/wiki/Asset_management), [wealth management](https://en.wikipedia.org/wiki/Wealth_management), [estate planning](https://en.wikipedia.org/wiki/Estate_planning), loan servicing, and [information processing](https://en.wikipedia.org/wiki/Information_processing).

**Responsibilities:**

* Worked as part of the **Agile** team and Involved in Agile meetings, daily stand-up meetings, Sprint planning, Review, Refinement and Retrospective.
* Working with functional userstories and tasks with in a sprint time(2 weeks).
* Implementing new features and enhancing the existing functionalities.
* Extensive Design, implement and test services experience in **a Micro Service-oriented**

**architecture** and has implemented the **REST based Microservices using the Spring Boot**,

* Worked on **POSTMAN** to manually test the API Endpoint response, Status Codes and Headers.
* Utilised Log4j logging API for debugging and monitoring purposes.
* Developed unit test cases using **JUnit** and Mockito framework for testing accuracy of code.
* Proficient in implementing RestApi’s, Java 8 features**- Lambda expression, Functional Interface, Method reference, and Collectors.**
* Code analysis tools used as **PMD** and **Checkstyle**.
* Used **Apache Kafka** by Consume and produce data between upstream and downstream applications.
* Using **Azure Devops** for versioning tool.

**EDUCATION :**

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| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **Board / University** | **Year of Completion** | **Percentage/CGPA** |
| B.Tech  | Priyadarshini College of Engineering Technology | JNTU, Anantapur | 2019 |  8.2 CGPA |
| Intermediate | Sri Chaitanya Junior College, Nellore Dt. | BIEAP | 2015 | 93.3% |
| SSC | Krishna Chaitanya E.M School, Nellore. | State Board, AP | 2013 | 8.7CGPA |

Achievements and Recognition :

* Successfully completed certifications on Microsoft Azure fundamentals (AZ-900), Azure Data Fundamentals (DP-900), and Azure Developer Associate (AZ-204).
* Attained a Udemy certification in Spring Cloud with microservices, Docker, and Kubernetes.
* Recognized as a team player and received the Gracious Award from the Project Manager for extensive contribution to assigned tasks.

Personal Traits:

* Adaptability to new environments and flexibility.
* Ability to work independently and as part of a team.
* Eagerness to learn new technologies and ideas.
* Strong determination and loyalty towards commitments.
* Thrives on challenges and always seizes learning opportunities.

**Declaration:**

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

K.Uma Maheswari