Mallikarjun Kole

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Personal Profile

- Experienced Software Engineer with 6 years of expertise in Backend Developer using JVM-based software.
- Industry expertise in systems analysis & design, software development, object-orientated design, and agile methodologies.
- Skilled across application development in the E-governance, BFSI and E-Commerce(B2B, B2C) Domain, implementing the framework of Spring Framework, Microservices, SQL Relational Databases.
- Involved in complex technology aspects building business values, and development and delivery efficiencies, using agile system design, development, and delivery methodology.

Key Skills

Languages: Java, SQL

Framework: Spring, Hibernate, JPA, Apache Maven

Database: Oracle, MySQL, NoSql,Hibernate, PostGres.

Server: Apache Tomcat.

Webservice Testing Tools: Postman, Swagger,SoapUI.

Other Skills: JSON, XML, AJAX, Networking protocols[TCP/IP, HTTP], Linux/Unix, YML, LOG4J, Kafka, Jira, Trello, GIT, Bitbucket, Jasper report, Spock, Groovy, Gradle, Database Migrations with Flyway, Map Struct

Cloud Services: Proficient in using the key services offered by AWS services-EC2, S3 Bucket, Azure Storage, Azure Message Service Queue/Bus

SDLC Methodology: Agile, WaterFall.

Work Experience

Synechron Financial Services, Pune, India.   July 2023 - Present

Senior Associate

- Provided new development solutions as a Senior Associate for Enterprise Application Group(EAG), improving functionality and user experience along with client support.
- Helped Synechron's teams succeed by actively engaging with the company, understanding needs, and creating functional design documentation tailored, Development and Deployment.
- Configured existing applications flow / services into newly designed systems.

Programmers.IO India PVT LTD, Pune, India.   September 2022 - July 2023

Senior Software Engineer

- Developed RESTful webservices for Amer Care Royal Client (ACR), improving functionality and user experience along with client support.
- Helped stakeholders succeed by actively engaging with the company, understanding needs, and creating functional design documentation tailored to cloud-based solutions.
- Increased software dependability and robustness by using Scenario Tests for TDD, resulting in a decrease in requirements-related problems.
- Reduced code integration time by using Git version management,also reduced duplicate functionality and code for client. Total merge request over 50+ commit the code repo. By integrating Jenkins into the CI/CD pipeline, the time from code commit to deployment was reduced by 25%. Code standard maintained, managing vulnerabilities up to 80% code coverage cross-check by SonarCube.
- Core Java8, Git, Lombok, Map-struck, SonarCube, JPA.

Beauto System PVT LTD, Pune, India   April 2020 - September 2022

Software Engineer

- Developed a cross-currency platform where system allowing users to send money from Europe to South African countries. Designed and implemented secure authentication and encryption mechanisms to protect users' sensitive information with real-time exchange rate integration using API endpoints to provide accurate currency conversion.
- Implemented rule-based solutions with MTN Homeland Business Rule Engines, reducing decision-making time by 30% and improving flexibility.
- Streamlined decision-making, cutting change time by 40%, achieving 25% more consistency, and 15% fewer practical differences.

CDAC Noida, Uttar Pradesh, India November 2017 - December 2019

Software Developer

- Successfully launched end-to-end system products such as Online System for Medical Devices cdscomd.gov.in
- Contributed to a 25% increase in Medical Device application efficiency and a 20% expansion of the user base.
- Met the specific requirements of clients by overseeing the development of tailored web services within the E-governance platform, ensuring client satisfaction and adherence to project goals.
- Transform large, complex systems into flexible and efficient web services, improving code maintainability by 30%.
- Enhanced Indian Ministry communication and project clarity through active participation in interactions and meetings. Prepared comprehensive service documentation, ensuring a clear understanding of project objectives.
- Ensured a seamless testing and pre-deployment, deployment process, resolving 95% of technical issues during the Deployment phase. Demonstrated proficiency in server handling during both pre-deployment and deployment phases.
- Java ,Spring MVC, Rest API, Git, Apache Tomcat, Java7, STS, Postman, Jasper report, PostgreSql, ,

Education

Centre for Development of Advanced Computing (CDAC Kharghar) | Navi Mumbai, India Feb
Post Graduate Diploma In Advanced Computing

Housing Society Management System (PG-DAC Final Project):- Our project Housing Society Management System comprises of maintaining different societies under one application. This is a Desktop Application which includes the maintenance of members, their dues, bills, receipts, society expenses vouchers, miscellaneous items etc.

- Html, Css, Angular, Electron, Java, Spring boot, JPA, Mysql.

TKIET Kolhapur | tkietwarana.ac.in | Shivaji University, India Aug 2012 - May 2016
B.E. in Computer Science and Engineering *Percentage : 60.50*
Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Advanced Database Systems,Advanced Computer Architecture,Web Technologies

Project Work

- **Kafka Project (2024):** Designed and implemented Event-Driven Architecture based project to achieve efficient and reliable solution.
- **Spring Boot Application to Azure(2023):** Implemented a micro service architecture and deployed on Azure. Used Java, Spring Boot, RESTful APIs, Database Management Systems, Azure Cloud Services.

Awards and Certificates

- **Introduction to Kafka with Spring Boot** Certified by Udemy in Feb 2024
- **Master Azure Web Apps - Take Java Spring Boot Apps to Azure** Certified by Udemy in Feb 2024
- **Winner of SPOT/STAR award**- March 2024.
- **Post Graduate Diploma In Advanced Computing** Second Grade in Aug 2017, Certified by CDAC, Mumbai, India.