SANDEEP KOLAPINENI

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OBJECTIVE

Skilled and results-oriented Software Engineer with more than 6 Years of experience in Software Application Development and a practical understanding of several IT technologies with challenging assignments to amalgamate personal enrichment with professional goals.

PROFESSIONAL SUMMARY:

- Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TDD), Agile Development &SDLC.**
- Experienced in developing, Testing, and Deploying enterprise applications on Windows and Linux platforms using
- Expert in **Java 8, Python 3. x, Spring Framework,** and **spring boot Microservices**.
- Good knowledge of **Angular 8** directives to create reusable elements and attributes and easy-to-test and maintain client-side interactivity in web applications.
- Experience in using **JavaScript** and **Typescript** with Angular and Bootstrap libraries**.**
- Expert in SQL databases like **DB2, Greenplum, MySQL and Teradata**
- Worked with **Pandas** and **NumPy** for data analysis
- Hands-on experience using **HTML5 CSS and JSP** with a focus on **Cross-browser/Cross-platform compliance.**
- Experience with **Java 8** Lambda, Streams, Pipelines, Filters, Optional, and **Executor Service** features.
- Strong experience in **Spring Framework** modules such as **Spring MVC**, **IOC**, **AOP**, **JDBC**, **JTA**, **ORM,** **Spring Boot**, **Spring Microservices**, **Spring REST**, **Spring Eureka**, **Spring Ribbon**, and **Spring Zuul Proxy**.
- Experienced in implementing **Service Oriented Architecture** and Web Services using **REST**.
- Expertise in integrating enterprise applications using **Spring with Kafka and Zookeeper.**
- Experience creating **Docker** images, Containers, push/pull and integrating with **Angular** and **Spring Boot**.
- I am experienced with XML-related technologies such **XML**, **XSLT (DOM, SAX)**, **XPATH** and **DTD**.
- Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries, Criteria, and Projections.
- Hands-on experience with building tools like **Maven and Gradle** and Logging tools like **Log4J2**.
- Worked on Speeding up Existing Applications with a Cache service using **Redis Cache and Gem fire**.
- Experience with Code repositories like **GIT, big bucket and SVN**
- Experience testing with **JUnit Framework** using **Mockito** and **Easy Mock**, **Power Mockito, Spring Junit Runner**, and **JMeter**.
- Experience with **CI/CD pipelines and JENKINS,**

Technical Skills:

Programming Languages	**Java, Python**
Frameworks	**Spring MVC, Hibernate, Angular JS 8, Spring Boot, flask**
Application/Web servers	**Apache Tomcat, IBM WebSphere, Jetty, JBoss**
Databases	**Oracle DB, MySQL, DB2, Greenplum, MongoDB**
Internet Technologies	**HTML, JavaScript, CSS, jQuery**
IDE	**Eclipse, NetBeans, IntelliJ, Spring Tool Suite, Jupiter Notebook, PyCharm**
Operating system	**Windows, Linux, Unix, macOS**
Project Management	**JIRA, Bugzilla, Azure DevOps**

CI/CD	**Jenkins, Docker, Kubernetes, Ansible**
Cloud Technologies	**AWS, EC2, S3, Azure ML**
Version Controls	**GitHub, Git Lab, SVN, Big Bucket**
Build Tools	**Ant, Maven, Gradle**
Message queues	**IBM MQ, Kafka**
Machine Learning	**OpenCV, TensorFlow, Pandas, NumPy**

ORGANISATIONAL EXPERIENCE:

CGI Group, as Senior Software Engineer   **Dec'2019 to Dec 2021**

CGI Group is a Canadian multinational information technology consulting and systems integration company; CGI develops many products, mainly in the banking and finance domain; here, I got the chance to work in a trade finance domain for a product called Trade360

Roles and Responsibilities:

- Working with Business Analyst to understand the requirements attached as part of **Jira Stories**
- Delivering the stories as per the acceptance criteria
- Developing new services from scratch using spring boot
- Documenting the code changes and new functionality workflow
- Unit testing the code before deploying the application
- Creating Epics, stories, and sub-tasks
- Analyzing issues and bugs reported in **Jira,** then debugging and fixing the bugs.
- Using Sonar Lint as an analysis tool and generating Sonar code reports with green code quality gate
- Analyzing failed batch transactions from logs and finding the root cause, and fixing the issue
- Changing the existing functionality as per the client change request.
- Cherry-picking the required functionality from other versions and integrating it into the current release.

Avantel Limited as Application Software Developer   **June'2017 to Dec'2019**

Avantel is a product development company focusing primarily on Satellite Communication, Network management and Software development for embedded systems. I worked on developing desktop and web applications.

Roles and Responsibilities:

- Part of Software Development Life Cycle (SDLC) with object-oriented business process and worked on developing Service-oriented architecture applications in the agile development environment.
- Developing desktop applications using Swing GUI
- Developing web applications useful for the business
- Interacting with the embedded team to create new applications or enhancement
- Documenting the code and workflows
- Creating automated applications which make production easy.
- Worked on unit testing to create test cases for all the Business Rules and the application code.
- Developing scripts and tools which make application development easy
- Maintaining company ERP portals

SELF DEVELOPMENT:

- Implemented proof of concept for voice calling using VOIP
- Developed GPS tracking application using open-source leaflet maps
- Developed behaviour and drowsiness detection software from live video using machine learning
- Created tree ring analysis for Canada forest services using unsupervised machine learning

ACADEMIC DETAILS:

- 2017: Bachelor's degree in Electronics and Communication from GITAM UNIVERSITY,

- 2023: Post Graduation Diploma in Artificial intelligence and Machine learning from LAMBTON college

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