

# SANDEEP KOLAPINENI

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## OBJECTIVE

Skilled and results-oriented Software Engineer with over 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 Agile methodologies like **SCRUM, Test Driven Development (TDD), Agile Development &SDLC.**
- Experienced in developing, Testing, and Deploying enterprise applications on Windows and Linux platforms.
- 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.**
- I am 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

<b>Operating system</b>	<b>Windows, Linux, Unix, macOS</b>
<b>Project Management</b>	<b>JIRA, Bugzilla, Azure DevOps</b>
<b>CI/CD</b>	<b>Jenkins, Docker, Kubernetes, Ansible</b>
<b>Cloud Technologies</b>	<b>AWS, EC2, S3, Azure ML, Azure App Service</b>
<b>Version Controls</b>	<b>GitHub, Git Lab, SVN, Big Bucket</b>
<b>Build Tools</b>	<b>Ant, Maven, Gradle</b>
<b>Message queues</b>	<b>IBM MQ, Kafka</b>
<b>Machine Learning</b>	<b>OpenCV, TensorFlow, Pandas, NumPy</b>

## ORGANISATIONAL EXPERIENCE:

### **Morgan Stanley, as Senior Software Engineer**

**Jan 2022 to till date.**

Morgan Stanley is a leading global financial services firm that provides a wide range of investment banking, securities, investment management, and wealth management services.

#### **Roles and Responsibilities:**

- Ensuring compliance with FINRA regulations and reporting requirements
- Working with KPMG for internal audits to ensure FINRA guidelines and rules adherence.
- Collaborating with compliance and legal teams to develop and implement code changes related to FINRA and other regulatory requirements.
- Participating in the development of new products and services in compliance with EBS SEC rules
- Working with different teams across the organization for one the interaction project
- Developing applications which help businesses.
- Performance tuning of the old legacy applications
- Creating script files for AutoSys batch jobs.
- Unit testing the code before deploying the application.
- Creating stories and subtasks as per product owner requirements
- Restack the applications with new technologies and architectures.

### **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's 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:**

- 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 enhancements.
- 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.
- Developing and maintaining documentation of software systems, including requirements, design, testing documentation
- Providing technical support and troubleshooting assistance to clients as needed.

### **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

