SANDEEP KUMAR PARANGI

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PROFESSIONAL SUMMARY

A highly motivated and results-driven IT professional with 4 years of experience in diverse technological environments. Adept at managing and implementing IT projects, providing exceptional technical support, and optimizing system performance. Proven track record in troubleshooting, network administration, and ensuring robust security measures. Strong ability to collaborate with cross-functional teams, coupled with excellent problem-solving and communication skills. Dedicated to staying updated with the latest industry trends and continuously enhancing technical expertise.

SKILLS

Programming Languages	Java8, Groovy, Python, Rest API, OOPs
Web Technologies	HTML5, CSS3, Servlets, JSP, React JS, JavaScript
Frameworks	Spring Boot, Maven, Spring MVC, Microservices, Django
Database Management	SQL, DBMS, MYSQL, JDBC, PL/SQL
Tools	Tableau, ServiceNow, Git, Resolve, Jenkins, Postman, Kibana, Putty, Jira
Operating Systems	Windows, Linux
Version Control	Git Lab, Git Hub
SDLC	Agile Methodology and DevOps
DevOps	Continuous Integration/Continuous Deployment (CI/CD)
Cloud Technology	AWS (EC2, S3, Redshift, Athena, Glue, Data lakes, EMR, Kinesis)

EXPERIENCE

Engineer-Technology   Sep 2021 - Jul 2023
Virtusa Consulting Services Pvt Ltd,   Chennai, Tamil Nadu, India

- Experienced Java Developer with 2 years at Virtusa Consulting Services Private Limited, specializing in the British Telecommunication (BT) project.

- Successfully developed and deployed multiple high-traffic applications for British Telecommunication, enhancing user experience and operational efficiency.

- Proficient in **Java development**, and front-end technologies like **JavaScript**, **HTML** and **JSP.**

- Writing **Elasticsearch** queries of **DSL**(Domain-Specific Language) or **KQL**(Kibana Query Language) to filter, aggregate, and extract meaningful data for **Kibana** dashboards.

- Investigate and troubleshoot issues using logs, metrics, and other observability data.

- Played a key role in migrating legacy applications to **Microservices** using **Spring Boot framework**, ensuring smoother integration and improved maintainability.

- Implemented **Groovy scripts** to automate repetitive tasks, significantly reducing manual effort and increasing productivity.

- Strong knowledge of **DBMS** and **SQL** for efficient database management. Familiar with **DevOps** practices, basic **Linux** commands, **ServiceNow**, and **Git** for version control.

- Demonstrates excellent problem-solving abilities, a commitment to continuous improvement, and effective collaboration within cross-functional teams.

Associate Engineer   Aug 2020 -Sep 2021
Virtusa Consulting Services Pvt Ltd,   Hyderabad, Telangana, India

- Created and maintained Java-based applications for **Citi Bank**, guaranteeing optimal performance and

dependability.
- Used **Resolve Tool** to successfully track issues and manage project activities for the Citibank project.
- Designed and built **SQL** databases to provide application functionality while ensuring **data integrity**.
- Managed projects with **Jira**, collaborating with cross-functional teams to track progress and fulfill deadlines.
- Implemented **Git** version control to ensure **code integrity** and collaborative development.
- Worked with top engineers and Citi Bank stakeholders to better understand requirements and provide solutions on time.
- Participated in **code reviews** and contributed to the ongoing enhancement of coding standards.
- Jenkins was used to expedite the development process through continuous integration and deployment (CI/CD).
- Worked with Docker to containerize applications and ensure consistency across environments.
- Built flexible and maintainable apps using the Microservices architecture.

Internship   Sep 2019 – Jul 2020
CloudGate Systems India   Hyderabad, Telangana, India

- Developed and maintained online applications with **Java** and the **Spring framework**, improving functionality and performance.
- **Maven** was used for project build management, which ensured effective dependency management and project organization.
- Collaborated with cross-functional teams, including front-end developers and quality assurance engineers, to produce integrated solutions.
- Participated in **code reviews** and provided input, which improved **code quality** and team learning.
- Participated in the development of **RESTful APIs**, which connect front-end applications to back-end services.
- Enhanced application security by including authentication and authorization procedures.

PROJECT

Improving Web Page Access Prediction using Web Usage Mining and Web Content Mining

- User's search intention can be captured by considering the web page content and also by using the search patterns and logs stored. The rankings of the URLs are generated by using **tf-idf** algorithm and based on the score the search results are populated to the user on the UI. Technologies: **Python, Django, MySQL, HTML, CSS, JS.**

EDUCATION

Master of Science (Computer Information System), University of Central Missouri   2023 - 2024
Bachelor of Technology (Integrated Software Engineering), Vellore Institute of Technology   2015 - 2020
High School (Computer Science), Velammal Matriculation Higher Secondary School   2013 - 2015