

# SANDEEP KUMAR PARANGI

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## PROFESSIONAL SUMMARY

A highly motivated and results-driven IT professional with 5 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

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

## EXPERIENCE

<b>Java Developer</b> AgilePath Inc,	Aug 2024 - Present West Des Moines, Iowa, United States
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- Build and maintain reliable and scalable Python backend services and APIs.
- Author well-structured, extensible code along with unit and integration tests.
- Collaborate with cross-functional teams, including front-end developers, **DevOps engineers, and product managers.**
- **Troubleshoot, diagnose, and resolve** software issues in coordination with other engineers.
- **Participate in code reviews**, providing and receiving constructive feedback to improve code quality.
- **Contribute to technical documentation**, ensuring clarity and maintainability of project components.
- Assist in task breakdown, system design, and infrastructure automation (**Infrastructure as Code, CI/CD pipelines**).
- Support database development and optimize queries for performance (**SQL/NoSQL**).

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

Virtusa Consulting Services Pvt Ltd,

Aug 2020 -Sep 2021  
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

CloudGate Systems India

Sep 2019 – Jul 2020  
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

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