

# UDATHA SANDEEP

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## Summary

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Java Developer with over 2 years of experience in developing and implementing high-quality software applications using Java technologies. Proficient in all phases of the software development life cycle, from requirements gathering and analysis to design, development, testing, and deployment.

## Work Experience

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Tata Consultancy Services.....

**Systems Engineer** | Hyderabad, India | June 2021 - Present

- Contributed to the enhancement of a Java-based desktop application by implementing new features and functionality.
- Collaborated in migrating an on-premise application infrastructure to AWS.
- Contributed to the development of an automated data processing pipeline utilizing AWS services.
- AWS Services Integration:
  - Engineered an AWS Lambda function triggered by S3 file uploads, initiating the creation of an EMR cluster for large-scale data processing and EC2's for small data sets.
  - Orchestrated the configuration of EMR clusters and EC2's, ensuring optimal resource allocation and performance for processing billions of data records.
- Developed and deployed RESTful APIs using Spring Boot framework.
- Utilized Amazon ECS ( Elastic Container Service) for containerization and deployment of APIs, ensuring scalability and high availability.
- Integrated Lambdas and APIs with Amazon API Gateway to create secure, scalable and managed endpoints
- Developed and maintained server-side code to enable seamless communication between the desktop application and the central server.
- Worked on creating a SOAP API which will be triggered by Jenkins deployment to automate the testing phase.
- Proficient in debugging code and identifying errors to ensure smooth and efficient operation of software systems.
- Wrote and executed unit tests to ensure software quality and reliability. Provided technical support to clients and end-users as needed.
- Have a good working knowledge of AWS services like Lambda, EC2, EMR, VPC, Athena, S3, Cloudwatch, Glue.

## Technical Skills

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- **Languages:** Java, Python, Scala
- **Frameworks:** Spring boot, Spring core, Hibernate, Spring MVC, Spring JDBC, Spring AOP
- **Cloud Computing:** VPC, Amazon S3, AWS Lambda, EMR, AWS Cloudwatch, Amazon EC2, and Athena
- **Database:** MYSQL, IBM DB2
- **Operating Systems:** Linux, Windows
- **Version Control Systems:** Git
- **Tools:** Docker

## Achievements and Certifications

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- Completed **AWS Cloud Practitioner** Certificate.
- Secured **Gold Badge** in Problem Solving on **HackerRank** Platform.
- 5-star coder at **HackerRank**.
- Volunteered and organized an inter-college event called Riviera.

## Education

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B.Tech.....

**Vellore Institute of Technology, Vellore**  
**Electrical and Electronics Engineering**

**8.01 / 10**

XII.....

**Narayana Junior College, Andhra Pradesh**  
**97.9 / 100**

X.....

**V.B.R EM SCHOOL, Andhra Pradesh**  
**9.8 / 10**

## Skills

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Problem Solving.....

- Demonstrated problem-solving skills by resolving complex technical issues efficiently.
- Employed logical thinking and analytical skills to identify root causes and implement effective solutions.

Teamwork.....

- Collaborated effectively with cross-functional teams to achieve project goals and meet deadlines.
- Played a pivotal role in agile scrum teams, fostering a culture of cooperation and knowledge sharing.

Time Management.....

- Managed multiple tasks and projects simultaneously, ensuring efficient time allocation and prioritization.
- Met project milestones and deadlines consistently by optimizing time management strategies.

Logical Thinking.....

- Applied logical thinking and critical reasoning to design and implement robust software solutions.

Communication.....

- Effectively communicated technical concepts to both technical and non-technical stakeholders.
- Facilitated clear and concise documentation for project requirements and specifications.

## Hobbies

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Movies.....

- Enthusiastic about exploring a wide range of movies, from classics to contemporary films.
- Enjoy analyzing and discussing cinematic elements, storytelling, and film techniques.

Sports.....

- Passionate about sports, including Volleyball, Badminton, and actively participate in games.
- Appreciate the importance of teamwork, strategy, and physical fitness in sports.

Cooking.....

- Skilled in cooking various cuisines and experimenting with new recipes.
- Find joy in the creative process of preparing delicious and visually appealing dishes.