

AARTI SHARMA

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Experience

Gaia Smart Cities

June 2023 – Present

Senior Software Engineer (Backend) | Java

Remote

- Initiated and leading the development of *flagship product Sensez9* a cutting-edge scheduler designed for commerce industry to help automate the tax filing. My role involves defining project goals, architecture, technology stack, and development processes.
- My role is to create robust, scalable and high-performance backend solution and meticulously implementing each component, ensuring a cohesive and efficient system which demands hands-on coding for 40+ hours/week commitment.
- Responsible for defining the system architecture of Sensez9, making critical decisions related to database design, system architecture, and API integrations.

MarketPlug

Jul 2022 – May 2023

Software Engineer (Backend) | Java, Springboot

Remote

- Implemented microservices architecture on Springboot framework, resulting in a 50% reduction in code complexity and an increase in software scalability by 75%.
- Developed robust authentication and authorization protocols using OAuth2, enhancing security measures by implementing two-factor authentication for high-risk areas of application.
- Streamlined the deployment process through Docker and CI/CD, reducing deployment time by 50% and increasing overall efficiency of development operations.
- Developed comprehensive test suites using JUnit and Mockito to achieve 95% code coverage, resulting in a 50% reduction in bug reports from QA team.
- Followed Agile methodologies for development and worked collaboratively with cross-functional teams.

Decipher Zone

Jan 2022 – Jun 2022

Software Engineering | Java

Gurugram

- Developed and maintained enterprise-level applications using Java 8/11, Spring Boot, REST, JDBC, Microservices, JSON/XML and implemented RESTful web services using Postman for testing.
- Collaborated with clients for requirements gathering, implementation, and delivery.
- Worked collaboratively with cross-functional teams using Agile methodologies and JIRA for project management

GradeUp

Dec 2019 – Oct 2020

Senior Associate | Mathematical Analytics

Noida

- Handled a small team to provide applied mathematics- based analytics to major clients

Education

Indian Institute of Technology - Roorkee

2017 - 2019

Master of Science (CGPA 7.9/10)

Roorkee

University of Delhi

2013 - 2016

Bachelor of Science (CGPA 9/10)

New Delhi

Projects

Student management Project

- Developed this project using Spring Boot, spring data JPA, MySQL database.

OAuth2.0 project

- This is an OAuth project, where OAuth is implemented using auth0.

Technical Skills

Languages: Java, SQL

Technologies/Frameworks: Springboot, Junit, Git, MySQL, Mockito, Docker, Maven, Git CI/CD, Linux

Developer Tools & Interests: IntelliJ, Distributed Systems, Algorithms, Data Structures

Achievements

- Secured Rank 190 and 535 among more than 3 lakh candidates in IIT JAM in year 2017 and 2016 respectively.
- Secured Rank 899 among more than 5.8 lakh candidates in GATE 2019