

Madhur Jatiya

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Profile

Results-driven professional with a proven track record of leading cross-functional teams and delivering complex projects on time and within scope. Skilled in rapidly learning and implementing emerging technologies, ensuring adaptability to changing industry trends. Known for a solution-oriented approach to overcoming technical challenges, consistently driving innovation and delivering measurable outcomes that enhance efficiency and performance.

Experience

Nucleusteq

Dec 2024 – Present

Software Development Engineer (SDE-2)

Indore, Madhya Pradesh

- Designed and implemented a PII (Personally Identifiable Information) Microservice to identify and classify PII fields across four modules in Nuodata. Able to scan over 1 million tables and up to 5,000 columns per table, categorizing them as Sensitive or Non-Sensitive. Leveraged Airflow DAGs to optimize and automate the scanning process for efficient large-scale data processing.
- Enabled support for connectors across five relational databases (PostgreSQL, MySQL, MS SQL, Snowflake, MariaDB) in Nuodata.

Nucleusteq

July 2023– Nov 2024

Software Development Engineer (SDE)

Indore, Madhya Pradesh

- Architected and delivered the Spectra Module in Nuodata to monitor, analyze, and optimize data operations in real time and enhance observability for over 10,000 pipelines.
- Integrated alert functionality for user-configured notifications, delivering 100% uptime for alerts via Slack and email, notifying over 500 users across multiple workspaces.
- Streamlined incident management with a centralized platform for pipeline failure visibility and status updates, reducing resolution times by 30% and improving owner accountability for over 200+ active pipelines.

Nucleusteq

Feb 2023– June 2024

Software Engineer Intern

Indore, Madhya Pradesh

- Gained proficiency in full-stack development using frameworks like ReactJS, Spring Boot, and Fast-API, with an emphasis on API integration.
- Ensured high code quality by achieving over 85% code coverage with JUnit for unit testing and utilizing static analysis tools like Checkstyle, PMD, and FindBugs to maintain coding standards
- Acquired hands-on experience with Docker, Kubernetes, Terraform, and GitHub Actions to build and deploy CI/CD workflows.

Amstech Training Associates Private Limited

Oct 2022– March 2022

Java Developer Intern

Indore, Madhya Pradesh

- Built a strong foundation in core Java concepts, including collections, multi-threading, exception handling, and file operations.
- Gained hands-on experience with Java frameworks like Swing, Servlets, JSP, and Spring, building web applications to enhance functionality and performance.
- Acquired expertise in database connectivity using JDBC, JPA, and Hibernate.

Projects

Blog Portal

[View Project](#)

- Developed a platform for employees to publish, browse, like, and comment on blogs related to technology.
- Integrated reporting and approval systems for blog moderation, with built-in tools for admin management.
- Ensured high code quality by achieving 85%+ code coverage using JUnit and leveraging tools like Checkstyle, PMD, and FindBugs.
- Automated Docker image creation and deployment pipelines, reducing deployment time by 30% using GitHub Actions, with Terraform-based Kubernetes deployment for scalability.

Inventory Management System

[View Project](#)

- Created a web application to streamline the management of employees and inventory, including CRUD operations.
- Implemented personalized views for employees to track assigned inventory.
- Automated CI/CD workflows with GitHub Actions and deployed the system on Kubernetes using Terraform scripts.

Education

Institute of Engineering and Technology, DAVV

BE | Informational Technology

Aug 2019 - May 2023

Indore, Madhya Pradesh

Krishna Vidya Mandir

12th | RBSE

April 2018 - May 2019

Sikar, Rajasthan

Kendriya Vidyalaya

10th | CBSE

April 2016 - May 2017

Neemuch, Madhya Pradesh

Skills & Abilities

Programming Languages: C, C++, Java, Python

Web Development: HTML5, CSS3, JavaScript, Bootstrap, React JS, Spring Boot, Fast API

Databases: MySQL, PostgreSQL, MongoDB

DevOps Tools: Docker, Kubernetes, Terraform, GitHub Actions

Additional Skills: Git/GitHub, DSA, Bash Script.

Activities and Interests

- Actively participated in **Hacktoberfest** (an open-source event) for three consecutive years: 2021, 2022, and 2023.