

Shreyas Kaldate

Email: shreyaskaldate02@gmail.com | Mobile: +91-9324389863 | Goregaon East, Mumbai, India
[LinkedIn](#) | [GitHub](#)

EDUCATION

Bachelor of Engineering in Computer Science, AI and ML Honours
Sinhgad Institute of Technology and Science, Pune University, India

2019 - 2023
CGPA: 9.19/10

WORK EXPERIENCE

Software Engineer, Jio Platforms Limited, Navi Mumbai, India

Jan 2023 - Present

- Developed and maintained backend services using Java, creating REST APIs and implementing microservices architecture with Spring Boot.
- Utilized Hibernate ORM, Spring Data JPA for efficient database management, and OpenFeign for seamless microservices communication.
- Implemented Spring Boot Security with OAuth2 for robust authentication and authorization mechanisms.
- Diagnosed and fixed bugs to improve system stability and ensure smooth operation.

Java Developer Intern, Pie Infocom Pvt Ltd, Mumbai, India

Nov 2021 - Dec 2021

- Gained practical expertise in Java programming in 45 days.
- Successfully completed a project by applying training knowledge.
- Provided valuable recommendations for problem-solving.
- Excelled in the field of Java development.

LEADERSHIP & PROJECTS

Online Banking Application | Java, Spring Boot, REST APIs, MySQL

Jan 2024 - Sept 2024

- Designed and implemented a microservices architecture for the Online Banking Application, utilizing Java, Spring Boot, and Spring Cloud for production-ready services.
- Managed configuration with Spring Cloud Config Server, and enabled service discovery and registration using Spring Eureka Server.
- Built resilient and secure microservices with RESILIENCE4J, OAuth2, OpenID Connect, and Spring Security; handled cross-cutting concerns using Spring Cloud Gateway.
- Utilized Docker for containerization, and Kubernetes for orchestration, and implemented observability with Prometheus, Loki, and Grafana, along with event-driven architecture using RabbitMQ and Kafka.

Smart Contact Manager | React.js, Spring Boot, REST APIs, MySQL

Sept 2023 - Dec 2023

- Developed a smart contact manager with user registration and login features.
- Optimized database retrieval for efficient access to contact information.
- Streamlined contact addition and management processes for enhanced user experience.

Smart Irrigation and Worm Detection | Python, Tensorflow, OpenCV, C++, Raspberry Pi Aug 2022 - April 2023

- Developed an IoT-based smart irrigation system leveraging soil moisture sensors and weather data for efficient water management.
- Designed and implemented a pest detection solution using convolutional neural networks (CNNs) for real-time worm identification.
- Reduced water usage and minimized crop damage by enabling automated irrigation and early pest detection alerts.
- Collaborated on optimizing system scalability and accuracy for diverse agricultural environments.

RESEARCH PAPERS

[Efficient and Eco-Friendly Farming: Humidity-Based Smart Irrigation and Pesticide Management with Worm Detection](#)

- International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) Volume 11, Issue 4, April 2023, DOI: 10.48175/IJIRCCE-2516.

Smart Irrigation and Pesticide Management using Worm Detection

- International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)
Volume 11, Issue 4, April 2023, DOI: 10.48175/IJIRCCE-2516.
-

CERTIFICATIONS

- [NPTEL - Database Management System](#)
 - [IBM - Introduction to Cloud](#)
 - [AI Infrastructure and Operations Fundamentals](#)
 - [Introduction to Generative AI](#)
 - [Agile Project Management](#)
 - [Design Thinking for Innovation](#)
-

SKILLS

- **Programming Languages:** C, C++, Java, SQL
 - **Technologies:** Spring Boot, Hibernate, REST APIs, Microservices
 - **Tools:** MySQL, Oracle SQL, Postman, Git, Excel, PowerPoint
 - **Platforms:** IntelliJ, VS Code, Eclipse, Github, Gitlab, Gitea
 - **Soft Skills:** Communication Skills, Teamwork, Adaptability, Problem-Solving
 - **Spoken Languages:** English, Hindi, Marathi
-

INTERESTS

- **Sports:** Cricket, badminton, kabaddi
- **Miscellaneous:** Listening to music, watching various web series, travelling