

Shreyas Kaldate

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Education

New York University <i>Masters of Science in Computer Science</i>	2025 - 2027 New York City
Savitribai Phule Pune University <i>Bachelors of Engineering in Computer Engineering (GPA: 3.95/4)</i>	2019-2023 Pune, Maharashtra




Technical Skills

Languages: Java, C, C++, Python, HTML, CSS, JavaScript, TypeScript, SQL
Technologies & Frameworks: Spring Boot, Microservices, RESTful APIs, Kafka, RabbitMQ, Angular
Databases: PostgreSQL, MySQL, MongoDB
Cloud & DevOps: Docker, Kubernetes, Azure DevOps, Git
Tools: Postman, Swagger, GitHub, GitLab, Jupyter Notebook
Others: Data Structures and Algorithms, Machine Learning, AI

Work Experience

Jio Platforms Limited  <i>Software Development Engineer-I</i>	Jan 2024 - July 2025 Navi Mumbai, Maharashtra
<ul style="list-style-type: none">Contributed to Jio CloudXp, a cloud analytics platform serving millions of users, by developing scalable microservices and full-stack features.Engineered 15+ distributed microservices using Spring Boot, Hibernate, and OpenFeign; secured with OAuth2, reducing unauthorized access by 40%.Built 20+ real-time dashboards with Angular + RxJS + REST APIs, improving engagement by 30%.Integrated services with Kafka for event-driven processing and optimized data pipelines for high-throughput workloads.Deployed services on Kubernetes and automated CI/CD workflows via Azure DevOps, achieving 95% on-time delivery in Agile sprints.	
Pie Infocom Pvt Ltd  <i>Software Developer Intern</i>	Nov 2021 - Dec 2021 Mumbai, Maharashtra
<ul style="list-style-type: none">Developed and deployed RESTful APIs using Spring Boot to facilitate efficient communication between microservices, applying hands-on training knowledge to complete a live project.Designed a scalable microservices architecture using Spring Data JPA, Hibernate, and MySQL for robust data management and modular service structure.Utilized Postman for API testing and integrated Swagger for auto-generating interactive API documentation to streamline development.Containerized services using Docker and optimized backend logic and SQL queries, improving system efficiency by 20% and reducing response time.	

Projects

Online Banking Application <i>Java, Spring Boot, REST APIs, MySQL</i> 	Apr 2024 - Dec 2024
<ul style="list-style-type: none">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, Kubernetes for orchestration, and implemented observability with Prometheus, Loki, and Grafana, along with event-driven architecture using RabbitMQ and Kafka.	
Smart Contact Manager <i>React.js, Spring Boot, REST APIs, MySQL</i> 	June 2023 - Aug 2023
<ul style="list-style-type: none">Designed and developed a full-stack Smart Contact Manager application with user registration, authentication, and role-based access control.Implemented efficient CRUD operations for contact data using Spring Boot, Hibernate, and MySQL, optimizing database queries for faster retrieval.Enhanced user experience by streamlining contact creation, editing, and management workflows with dynamic UI updates.	
Smart Irrigation and Worm Detection <i>Python, Tensorflow, OpenCV, C++, Raspberry Pi</i> 	June 2022 - May 2023
<ul style="list-style-type: none">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.	