

# Nilesh Kamble

nkkamble33@gmail.com — +91-7666710337 — LinkedIn — Portfolio

## Summary

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Full-Stack Engineer with 2+ years of experience designing, developing, and maintaining scalable web applications, including AI and Generative AI integrations. Delivered enterprise-grade front-end and back-end solutions using Angular, React, Java, Spring Boot, REST APIs, and cloud-native deployments. Experienced in translating complex AI/ML workflows into intuitive user interfaces, improving internal efficiency by 50–70%. Skilled in Agile development, cross-functional collaboration, CI/CD, and delivering customer-centric solutions that drive measurable business impact.

## Technical Skills

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**Programming Languages:** TypeScript, Python, Java, JavaScript, Fast API

**Frontend Technologies:** Angular, React.js, HTML, CSS, Responsive UI Development

**Backend Technologies:** Spring Boot, Node.js, REST APIs, Microservices Architecture

**Databases:** SQL, MongoDB, Redis, MongoDB

**DevOps & Cloud:** Docker, Kubernetes, Azure DevOps, CI/CD Pipelines, Cloud-Native Deployment

**Tools & Practices:** Git, GitHub, Postman, API Integration, Automation, Agile Development

**Generative AI & LLMs:** LLMs API, RAG, AI Agents, Prompt & Context Engineering, MCP Servers

**Machine Learning:** NLP, Computer Vision, Model Fine-Tuning

## Professional Experience

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### Jio Platforms Limited

Mumbai, MH — Jan 2024 – Present

Full-Stack Engineer

- **Enterprise UI Development :** Designed, developed, and maintained scalable web applications supporting internal automation and platform workflows, successfully **reducing manual work by 90%**.
- **Front-End & UI Development:** Built responsive and intuitive front-end interfaces using Angular and TypeScript for 5+ enterprise applications, translating complex backend capabilities into user-friendly experiences and improving user efficiency by **40–50%**.
- **API Development & Integration:** Developed and integrated REST APIs for 5+ enterprise applications, enabling seamless communication between front-end and back-end systems and improving data exchange efficiency by **50%**.
- **Database Design & Management:** Worked with SQL and NoSQL databases to design and implement scalable data models, ensuring high availability and reducing data retrieval time by **40%**.
- **Software Architecture & Optimization:** Contributed to architecture discussions, focusing on performance, reliability, and maintainability, leading to **30% faster system response times** and reduced technical debt.
- **Containerization & Deployment:** Containerized applications using Docker and deployed via Kubernetes, ensuring consistent environments across 3+ production and staging systems and improving deployment reliability by **60%**.
- **Code Quality & Troubleshooting:** Participated in code reviews, debugging, and root-cause analysis, resolving production issues within **24 hours** and reducing recurring bugs by **35%**.
- **Conversational AI at Scale:** Developed and Integrated AI assist Chatbot cutting manual support workload upto **80%**.

## Education

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**Bachelor of Engineering (B.E.)** (Honors in Data Science)

2020 – 2023

Smt. Kashibai Navale College of Engineering, Pune

GPA: 9.01

**Diploma in Engineering**

2017 – 2020

Government Polytechnic, Solapur

Percentage: 88.69

## Certifications

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- DevOps for Network Automation (Cisco)
- Introduction to Docker
- Container Orchestration Using Kubernetes
- Orchestrating the Cloud with Kubernetes (AWS)
- Introduction to Generative AI
- Automation Scripts Using Selenium and Java (Coursera)
- API Testing with Postman