

# Shobhit Kori

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Location: Thane, Maharashtra, India

## Professional Summary

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Full-stack developer with 2+ years of experience building scalable, high-performance applications using JavaScript, TypeScript, React, Node.js, and cloud-native architectures. Skilled in designing RESTful APIs, microservices, and DevOps workflows across AWS and Azure. Experienced in integrating AI/ML models (Whisper, CodeT5) to enhance automation and developer productivity. Strong focus on performance optimization, reliability, and clean, maintainable code.

## Professional Experience

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### Software Developer

08/2025 – Present

Tegsys LLP

- Engineered **Vantageo.com** backend, designing MongoDB schemas and RESTful APIs with **Node.js** and **TypeScript**, reducing API latency by **30%**.
- Architected full **Next.js** frontend with SSR/SSG, improving page load performance by **35%**.
- Orchestrated automated CI/CD pipelines using **GitHub Actions**, cutting deployment time by **40%** and increasing release stability.
- Revamped development and production environments by containerizing 8 services using **Docker**, and enhanced application scalability and portability across cloud platforms while adhering to industry best practices.
- Implemented monitoring dashboards using **Prometheus** and **Grafana**, enhancing issue detection speed by **50%**.
- Crafted scalable frontend architecture for **Klaariti**, reducing UI inconsistencies and improving component reusability.
- Enhanced ERP product by contributing to server scripts, client scripts, and workflow automations, improving processing accuracy by **25%**.
- Integrated **Frappe APIs** with custom React/Next.js components, reducing integration efforts by **20%**.
- Tech Stack:** Next.js, React, Node.js, TypeScript, MongoDB, Docker, Prometheus, Grafana, GitHub Actions, Frappe, REST APIs.

### Hackathon Developer

02/2025

Mulund College of Commerce

- Engineered ML pipeline achieving **92% accuracy** in predicting equipment failures using real-time sensor data.
- Constructed FastAPI backend and React dashboard for real-time predictions, reducing potential downtime by **15%**.

## Projects

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### Voice-to-Code – AI-Powered Speech-to-Code Generator (Live Demo)

FastAPI, Hugging Face (Whisper, CodeT5), React

- Engineered end-to-end system converting spoken language into executable code using Whisper and CodeT5.
- Designed FastAPI backend handling audio ingestion and model inference workflows.
- Created interactive React UI with audio upload, responsive layouts, and theming capabilities.

### Voice-to-Code – AI-Powered Speech-to-Code Generator (Live Demo)

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- Engineered end-to-end system converting spoken language into executable code using Whisper and CodeT5.
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## Technical Skills

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- Languages:** JavaScript/TypeScript, Java, C++, Python
- Frontend:** React, Next.js, HTML5, CSS3, Tailwind
- Backend:** Node.js, Express, FastAPI, REST, GraphQL
- Databases:** MongoDB, MySQL
- DevOps:** Docker, GitHub Actions, Jenkins, Azure, Prometheus, Grafana
- Tools:** Git, Jira, Azure Functions

## Education

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### BSc Information Technology

Mulund College of Commerce, Mumbai, India

GPA: 8.3/10

07/2022 – 04/2025

## Certifications

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- Microsoft Azure Fundamentals
- Microsoft Azure AI Fundamentals
- IBM DevOps Fundamentals
- DSA with Java (Apna College)

## Additional Interests

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Fitness   Competitive Programming   Cloud & DevOps   AI/ML Integrations