

Shobhit Kori

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Location: Thane, Maharashtra, India

Professional Summary

Results-driven Full Stack Developer with 2+ years of experience designing and deploying responsive web applications using JavaScript, TypeScript, React, and Node.js. Strong background in REST API development, CI/CD, and cloud services like Azure and AWS. Passionate about creating scalable frontend architectures and integrating AI/ML models to streamline developer workflows and user engagement.

Professional Experience

Hackathon Developer

Feb 2025

Mulund College of Commerce

- Developed an ML-powered predictive maintenance solution with a 92% model accuracy, reducing machine failure risk.
- Engineered a full-stack web app using FastAPI and React, enabling real-time equipment monitoring and cutting downtime by 15%.

Projects

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

Tech Stack: React, FastAPI, Hugging Face (Whisper, CodeT5)

- Created an end-to-end AI solution translating voice commands into executable code using Whisper and CodeT5 models.
- Implemented RESTful API endpoints and handled model inference logic using FastAPI for seamless backend operations.
- Designed a dynamic React UI supporting dark/light modes, enhancing accessibility and user experience.
- Boosted developer productivity by automating code generation from natural language inputs.

Interview-as-a-Service Platform (GitHub Repo)

Tech Stack: React, Node.js, Express, MongoDB, WebRTC

- Built a full-featured SaaS platform enabling remote technical interviews with live code collaboration and video chat.
- Developed backend APIs with Express.js and integrated WebRTC for low-latency video functionality.
- Designed secure role-based access control with JWT, improving system integrity.
- Increased system performance by 40% using efficient state management and lazy loading in React.

Technical Skills

- Languages:** JavaScript (ES6+), TypeScript, Python, Java, C++
- Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS
- Backend:** Node.js, Express.js, FastAPI, REST APIs, GraphQL
- Databases:** MongoDB, MySQL
- DevOps & Cloud:** Azure, AWS, Docker, Jenkins, GitHub Actions, Azure Functions
- Version Control & Tools:** Git, GitHub, GitLab, Jira
- Other:** WebSockets, CI/CD, Agile, TDD, Responsive Design

Education

BSc in Information Technology

Mulund College of Commerce, Mumbai, India

GPA: 8.3 / 10

Jul 2022 – Apr 2025

Certifications

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

Additional Interests

Fitness and Nutrition Competitive Programming AI Web3 Trends Open Source Contributions