

# Deepak Labade

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## CAREER OBJECTIVE

To secure a software engineering position in a growth-oriented company where I can contribute to developing scalable systems, enhance my full-stack expertise, and create innovative solutions to real-world challenges using modern technologies.

## EDUCATION

### B.Tech, Computer Science & Engineering

2022 - 2026

Deogiri Institute Of Engineering And Management Studies

### Senior Secondary (XII), Maharashtra State Board Of Secondary And Higher Secondary Education

2022

Science

Vivekanand Arts, Sardar Dalip Singh Commerce And Science College

Percentage: 71.33%

### Secondary (X), Maharashtra State Board Of Secondary And Higher Secondary Education

2020

Raja Shivaji Vidyalaya

Percentage: 92.80%

## PORTFOLIO

### [GitHub link ↗](#)

## PROJECTS

### [Mock Interviewer ↗](#)

Feb 2025 - Apr 2025

The Automated Technical Mock Interviewer (ATMI) is envisioned as a robust, full-stack application built to revolutionize interview preparation. Its core architecture relies on a React frontend for a dynamic user experience, backed by a Express server to persistently track session data and user progress.

### [Collaborative Code Editor ↗](#)

Sep 2025 - Present

Collaborative Code Editor is a sophisticated, full-stack application centered on providing seamless, real-time code synchronization among multiple users. Its architecture leverages a React frontend integrated with a powerful text editor library to render code highlights, while a Express backend. The critical component is the WebSocket implementation, responsible for ensuring low-latency communication to transmit small, sequential code changes using Operational Transformation (OT) algorithms. This complex setup allows users to concurrently edit the same document and see cursor movements and changes reflected instantly, making it a robust platform for pair programming and remote collaboration.

## SKILLS

- JavaScript
- TypeScript
- SQL
- Java
- React
- Next.js
- Tailwind CSS
- HTML 5
- CSS3
- Node.js
- Express.js
- REST API
- WebSockets
- MongoDB
- MySQL
- PostgreSQL
- Git
- Docker
- Postman
- Kubernetes
- Vercel
- Amazon Web Services (AWS)
- Python
- HTML
- CSS
- AngularJS
- Angular 2.0
- Angular 7.0
- Git
- Git SVN
- Bootstrap
- GitHub
- Algorithms
- Data Structures
- Web Services

- PHP
- WordPress

#### ADDITIONAL DETAILS

- Selected as a Finalist in DIPEX 2025, a prestigious innovation exhibition, for presenting a standout project among numerous participants.