Tushar Deomare

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Education

Government College of Engineering, Karad   2018 - 2022
B.Tech Mechanical Engineering (CGPA - 7.45)   *Karad, Maharashtra*

Experience

Thinkitive Technologies   Jan 2024 – Present

Software Engineer – E2   *Jan 2025 – Present*
- Built lead ingestion pipelines for calls, chats, forms, and Facebook leads.
- Built customizable reporting modules with PDF and Excel export capabilities.
- Implemented an AI-powered call evaluation system using OpenAI GPT-4 and fine-tuned models.
- Improved client productivity through automation and real-time insights.
- Built transcription pipelines using Whisper and AssemblyAI, reducing transcription costs by 99.4%.

Software Engineer – E1   *Jul 2024 – Jan 2025*
- Took ownership of end-to-end features and backend-heavy modules while actively contributing to core platform scalability.
- Designed and implemented backend APIs using Node.js, Next.js API routes, and Prisma ORM
- Worked on database schema design, relationships, indexing, and soft-delete strategies in MySQL.
- Integrated third-party platforms including Google Ads, Facebook Ads, CallRail, and others.

Software Engineer Trainee   *Jan 2024 – Jul 2024*
- Onboarded onto the MarketJD project after completing training in the MERN stack and Next.js, contributing to front-end and backend feature development under senior guidance.
- Developed reusable React components using TypeScript, Ant Design, and Tailwind CSS.
- Implemented UI features for lead management dashboards, including data tables, filters, and pagination.

Projects

Market JD | *Next.js 14, React 18, TypeScript, Prisma ORM, MySQL*
- Led end-to-end development and architecture of a comprehensive multi-tenant SaaS platform for legal marketing agencies, serving as the primary engineering contributor on a mission-critical application managing lead generation, SEO analytics, and marketing attribution for 80+ client websites.
- Designed and optimized the database schema using MySQL, implementing efficient indexing strategies, soft-delete patterns, and complex relational mappings to handle millions of records across calls, chats, forms, and analytics data.
- Developed an AI-powered call evaluation system leveraging OpenAI GPT-4 and fine-tuned models, processing thousands of call transcriptions monthly to automatically classify lead quality, extract key insights, and generate evaluation reports.

Portfolio | *React 19, TypeScript, Redux Toolkit, OpenAI GPT-4o*
- Architected and developed an interactive portfolio website showcasing professional expertise, projects, and achievements; built as a modern single-page application featuring an AI-powered conversational assistant and advanced animations.

Technical Skills

Languages   JavaScript, TypeScript
Frontend Technologies   HTML, CSS, ReactJS, Next.js, Redux Toolkit, Redux Persist
Backend Technologies   Node.js, Express.js, NestJS, REST APIs, GraphQL
Databases & Data Access   MySQL, MongoDB, Prisma, Mongoose
DevOps & Cloud   Docker, Kubernetes, YAML, AWS
Developer Tools   Git, GitHub, Bitbucket, Jira, ClickUp