

Sudeep Tavarkhed

Senior Software Engineer



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Results-driven and highly skilled Senior Engineer with 8+ years of experience in frontend, backend, and hybrid mobile app development. Adept at analyzing and solving complex technical challenges with efficiency and precision. Proven ability to lead teams, drive innovation, and optimize system architecture for scalable and high-performing applications. Seeking a leadership role in a dynamic organization to leverage strategic thinking, technical expertise, and problem-solving skills to drive business growth and deliver impactful solutions.

Experience

Avaamo Technologies Pvt Ltd
Senior Software Engineer

June 2021 - Present

- Built a live agent platform from scratch using Angular, enabling real-time interactions.
- Developed and enhanced universal, agentic, and advanced agent features to improve automation and AI-assisted workflows.
- Implemented streaming markdown rendering for LLM responses, optimizing real-time AI output display.
- Ensured full accessibility compliance across the product, making it WCAG-compliant.
- Worked on platform analytics, generating actionable insights to improve engagement and efficiency.
- Designed and deployed platform enhancements and UX improvements, boosting user adoption and experience.
- Developed a UAT (User Acceptance Testing) page for better agent testing and validation.
- Designed custom themes for chatbots and voice agents, improving brand consistency and user engagement.

Tech Stack

- Angular, Node JS, Mongo DB, Coffee script & Typescript

Instavans Logistics Pvt Ltd
Lead Full Stack Engineer

Mar 2017 - Jun 2021

- Led the development of ERP solutions for intra-city logistics, optimizing 3PL & 4PL operations.
- **Shipper TMS:** Built an ERP for shippers to digitize billing, accounting, carrier/customer management, and freight operations. Introduced a bidding system to connect shippers with small fleet owners, eliminating middlemen and ensuring fair pricing.
- **Carrier TMS:** Developed an ERP for transport operators and fleet owners, integrating driver tracking (GPS, SIM, and app), billing, accounting, and freight documentation.
- **Client TMS:** Created an ERP for customers to place and track freight orders efficiently.
- Developed a Vehicle Routing Program using Google OR Tools to optimize multi-stop routes based on time, capacity, and distance.
- Built Driver & Vehicle Management Modules for onboarding, tracking, billing automation, and payments.

- Designed dynamic Pricing Modules based on zones, locations, and distance.
- Implemented Real-time Tracking & Geo-fencing for hyper-local monitoring.
- Enhanced CRM by automating invoice and bill generation.
- Created multiple SaaS platforms to streamline operations and support global expansion.

Tech Stack

- Angular, Node.js, ExpressJS, HapiJS, MongoDB, Redis, SCSS, Google Maps, Socket.io

Loktra Technologies Pvt Ltd.

Aug 2016 - Mar 2017

Frontend Stack Engineer

- Joined a field service management startup during its stealth mode phase.
- Handled both technical and management responsibilities across projects.
- Led the end-to-end UI development, from ideation to product delivery.
- Designed and implemented the Customer Admin Panel for efficient service management.
- Developed an Analytics Module to provide actionable business insights.
- Built an Employee Management Panel to streamline workforce operations.

Tech Stack

- Angular, Node.js, Flask (Python), Postgress

Education

Basaveshwar Engineering College, Bagalkote

2016

- Bachelors of Computer Science & Engineering
- GPA: 7.44

Skills

- Angular
- Node JS
- Mongo DB
- Coffee script
- Typescript
- ExpressJS
- HapiJS
- Redis
- SCSS