Harsh Kanjiya

Software Engineer

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Profile

Software Engineer with 3 years of experience delivering scalable enterprise applications using Angular, React, Next JS and NodeJS. Proven track record in modernizing legacy systems, optimizing performance, and building high-performance grid libraries from scratch. Strong focus on user experience, real-time communication, and system design, with growing expertise in GenAI and emerging technologies.

Experience

SOFTWARE ENGINEER | PROJECT TREE INFOTECH| DEC 2023 – PRESENT

- Modernized multiple legacy apps, migrating AngularJS to Angular, improving maintainability and UX.
- Designed and built a reusable grid solution with virtual scrolling, data chunking and dynamic styling.
- Integrated REST and GraphQL APIs across 4 enterprise projects, ensuring scalable and secure data flow.
- Actively contributed to architecture discussions, performance optimizations, and adoption of best practices.

SOFTWARE ENGINEER | SQUIRRACODE TECHNOLOGIES | SEPT 2022 – OCT 2023

- Worked on designing and developing a scalable monitoring platform, focusing on real-time data handling, role-based access, and system performance improvements.
- Contributed to building features that streamlined plant management workflows, improved fault detection, and enhanced collaboration through better communication channels.
- Implemented real-time communication and alert mechanisms to ensure quicker response and smoother system operations.

Education

BACHELOR OF TECHNOLOGY | INFORMATION TECHNOLOGY | P P SAVANI UNIVERSITY

- Graduated with Distinction (CGPA: 8.8/10).
- GDSC Tech Team Member – contributed to development initiatives and organized technical events.
- Developed a portal for the Ethical Clearance Committee (internal medical affairs project), improving process

Skills & Abilities

- **Core Skills**: React, Angular, Next.js, Node.js, TypeScript, PostgreSQL, REST APIs, GraphQL
- **Additional Tools**: Prisma, Tailwind, GSAP, Karma, Jasmine
- **Learning / Interests**: Golang, GenAI, System Design

Selected Projects

1. **Personal Portfolio |Next JS, ShadCN, Tailwind CSS, MDX | harshkanjiya.com**

· A clean, modern, and SEO-optimized portfolio with light/dark themes, PWA support, an MDX-powered blog, and enhanced readability and sharing features.

2. **AV Rental | Project Tree | August, 2025 - Present | React, DotNet Core, Postgres**

· Leading development of AV Rental, an inventory management platform for managing stock, warehouses, storage zones, quotations, and invoices using React and .NET Core Web API.
· Guiding the team as the sole senior developer, overseeing architecture, code quality, and best practices.
· Implementing type-safe, scalable solutions with REST and GraphQL integrations for efficient data flow and long-term maintainability.

3. **AJE Coke | Project Tree | April, 2025 - Present | Angular 17, DotNet Core, SQL Server**

· Designed and built a customizable grid component with 2D virtual scrolling, multi-dimensional selection, and dynamic workflows; implemented data chunking and lazy loading to optimize performance on large datasets.
· Developed modules to manage the lifecycle of lab samples, ensuring accurate tracking and traceability across multiple vessels.
· Created report templates and automation logic for Laboratory Reports, Certificates of Analysis (COA), Biomass Reports, and Daily Summary Reports in PDF and Excel formats.

4. **ASAP | Project Tree | Dec, 2023 - April, 2025 | Angular JS, Angular 15, DotNet Core, SQL Server**

· Optimized application performance, reducing initial load time from 11s to 1.3s, significantly improving user experience.
· Developed and integrated new features across both AngularJS and Angular 13 applications to support evolving business needs.
· Migrated a legacy AngularJS codebase to Angular 13 and Upgraded the Angular 13 application to Angular 15 with zero down time.

5. **Trace Watt | Squirra Code | Jan, 2023 - Nov, 2023 | MERN Stack**

· Built a solar plant monitoring platform for Admins, Project Owners, and Plant Owners, delivering 2D plant layouts and string-level fault tracking.
· Implemented WebSockets, eliminating polling and reducing server/network load.
· Integrated WhatsApp alerts, cutting management response time by ~40%.
· Developed a plant management module for smooth onboarding and flexible configuration of new projects.

6. **Escape Form | Side Project | July, 2025 - present | Next.js, Golang, Postgres**

· Designing and developing an AI-powered form builder with planned features including conditional logic, multi-step workflows, and real-time analytics.
· Current focus: building embeddable forms that can be integrated within other websites.
· Roadmap: create NPM packages for the React ecosystem, allowing users to render forms in their projects by passing a unique public/private form key.