Nilesh Kamble

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EDUCATION

SVNIT, SURAT
BTech in ECE
May 2023 | Surat, India

SKILLS

Frontend: React, Next.js, TypeScript, Material UI

APIs & Real-time: REST, WebSockets

Testing: Jest, React Testing Library, Playwright

Cloud & DevOps: GitHub Actions, CI/CD

AI: LLM APIs, MCP

iOS & macOS: Swift, SwiftUI

INDIE APPS

App Store

Ball Balance: Tilt Climb
Two-thumb tilt arcade: climb and dodge lasers

Word Woven
Swipe letter columns to spell hidden words

Versus Sudoku
Real-time 1v1 Sudoku over a shared link

Isometria
Create isometric grid art and export as PNG

Word Mean +
Instant definitions, synonyms, and examples

Set Square Classic
Place 1–9 so each cage hits its target

UtilityBar
Mac menu bar todos, clipboard, and essentials

Suko Classic
Minimalist 3×3 number puzzle with sum clues

EXPERIENCE

TESSELL | Software Development Engineer 2

June 2023 - Present | Remote Recommendations

Tech Stack: React, TypeScript, JavaScript, REST APIs, WebSockets, GitHub Actions, MCP

- Re-architected **cloud database subscription onboarding** in the main product, replacing fragile form state with a **reducer-based** model, abstracting shared logic, and shipping **real-time readiness** as the service comes online.
- Rebuilt **legacy onboarding forms** into **multi-step workflows** with shared validation.
- Built the **internal operations portal** used by SRE to support Tessell's **cloud database** customers, owning the UI for day-to-day support workflows.
- Implemented **role-based access control** in the Operations Portal so routes, features, and data views are gated by the user's role.
- Built **dashboards and cost analytics** on raw service data so operators could inspect usage and spend on the cloud database product.
- Extended Tessell's **config-driven demo platform** to simulate real **database workflows** and **auto-sync** with main product features for customer, sales, and marketing demos.
- Developed a **common NPM library** for Tessell frontends, reducing duplicated UI and cutting unnecessary **re-renders**.
- Built **dynamic GitHub Actions** workflows that inspect each pull request's changes and run only the relevant **automation suite**, cutting unnecessary **CI** work.
- Designed and shipped a **Slack on-call agent** using **Augment**, **Jira**, and **LogRocket MCP**, with an eval on the last **100 on-call issues** to return grounded answers.

INTERNSHIP

TESSELL | Website Development Intern

Jan 2023 - May 2023 | Remote

Tech Stack: Next.js, React, JavaScript

- Built a **cost calculator** that returned real-time pricing from configurable inputs.
- Owned key pages on the company **Next.js** site, including blogs, signup, and onboarding flows.
- Built reusable frontend components that cut duplication and sped up iteration across pages.
- Added **password validation** on the signup field, enforcing strength rules before account creation.