

Hiren Dhola

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Summary

Full-Stack Software Engineer and Computer Engineering student with 1+ year of production experience building SaaS products, Shopify applications, mobile apps, and deep learning pipelines. Proficient across the full stack – Next.js, Node.js, TypeScript, React Native, MongoDB, PostgreSQL, AWS, Docker – with hands-on expertise in Shopify app development, multi-store analytics, and computer vision (YOLOv8, SAHI, PyTorch). National Finalist in a Government of India AI/ML ideathon.

Technical Skills

Frontend	Next.js, React.js, TypeScript, JavaScript (ES6+), React Native, Expo, Tailwind CSS, Redux
Backend	Node.js, Express.js, Hono, Bun, REST APIs, GraphQL, Microservices, FFmpeg, HLS Streaming
Shopify	Shopify API, Shopify App Development, Multi-Store Management, Gift Card Migration, POS Systems
AI / CV	YOLOv8, SAHI, Python, PyTorch, TensorFlow, OpenCV, Object Detection, Satellite Imagery
Databases	PostgreSQL, MongoDB, MySQL, Prisma, Drizzle ORM, Convex, Supabase, Neon, DynamoDB
Cloud / DevOps	AWS (EC2, S3, Lambda, RDS), Cloudflare R2, Docker, Vercel, CI/CD, GitHub Actions, Git, Linux
Auth / Security	Better Auth, Clerk, JWT, OAuth 2.0, CSRF Protection, Session Management

Professional Experience

AppMixo

Feb 2026 – Present

Junior Software Developer, MERN Stack

Surat, India

- Onboarded onto a multi-tenant Shopify analytics platform; studied storefront architecture, POS systems, and Shopify API internals across 70+ merchant stores.
- Designed and executed a high-performance Node.js migration script to transfer 600,000–700,000 gift card records across 9,000 gift cards and 70 stores, processed in batches of 3,000; completed full migration successfully.
- Delivered a multi-store discount module with full CRUD operations, independently architecting the solution before implementation.

Instant Branding

Apr 2025 – Oct 2025

Full-Stack Developer

Surat, India

- Architected and deployed **InstantBranding.ai** from scratch using Next.js, Supabase, and Vercel with a full CI/CD pipeline; sole engineer end-to-end.
- Built a real-time banner editor with complex Redux state management; extracted a modular component library that **reduced development time by 40%**.
- Designed multi-tier business logic (free vs. paid), multi-brand management, and server-side PDF export with Supabase cloud storage.

SyncSignature

Feb 2025 – Apr 2025

Full-Stack Developer

Surat, India

- Built the **SyncSignature Chrome Extension** from prototype to production: scalable architecture, dynamic signature management, and REST API integration.
- Developed a Microsoft Outlook add-in for cross-platform enterprise email signature management; integrated PostHog analytics for user behavior tracking.
- Deployed via **Docker on AWS EC2** with a zero-downtime CI/CD pipeline; modularized codebase for improved team scalability.

Stanza Car

Nov 2025

Freelance Full-Stack Developer

Surat, India

- Delivered a production **React Native + Expo** inventory app for a car parts manufacturer; real-time backend via **Convex** with Clerk RBAC for role separation.
- Built inward/outward transaction tracking, low-stock alerts, monthly analytics dashboard, and pagination-aware reporting.

Achievements

EcoInnovators Ideathon 2025–26 — National Finalist

Dec 2025 – Jan 2026

Ministry of Electronics & IT, Govt. of India · Global Learning Council / Villars Institute · Team Akatsuki

- Selected as National Finalist; invited to present at **Demo Day in Bengaluru** alongside global tech leaders including Subra Suresh (former NSF Director) and Kris Gopalakrishnan (Infosys Co-founder).

- Engineered a computer vision pipeline for automated rooftop solar panel verification under **PM Surya Ghar Yojana**; fine-tuned **YOLOv8 + SAHI** to **91.5% mAP@50**, **87.7% Precision**, and **83.7% Recall** on satellite imagery.

Key Projects

Whoops | *Bun Monorepo, Hono, Drizzle ORM, Neon PostgreSQL, Next.js 15, CLI (Commander)* 2025

- Anonymous developer confession platform: Hono REST API, Next.js 15 frontend, and a CLI tool for terminal submissions; CI/CD via **GitHub Actions** auto-builds cross-platform binaries (Linux, macOS, Windows) on every push to main.

portname | *Go, Reverse Proxy, DNS, Shell/PowerShell* 2025

- Local dev proxy that maps `localhost:PORT` to named subdomains (`myapp.localhost:1999`); auto-detects Vite, Next.js, SvelteKit; proxies WebSocket/HMR; distributed as cross-platform installable binaries.

RecordX | *Next.js, TypeScript, Prisma, Better Auth, FFmpeg, HLS, Cloudflare R2* 2025

- SaaS screen recording platform with multi-bitrate HLS transcoding, Cloudflare R2 storage, and a fully custom video player (seek, buffering, speed control) – zero third-party player dependency.

ShareMeCode | *Next.js, Node.js, End-to-End Encryption, Vercel* Jul 2025

- Zero-auth code snippet sharing with unique URL generation, end-to-end encryption, and real-time auto-save; zero-registration workflow for instant accessibility.

Education

C.K. Pithawala College of Engineering & Technology Sep 2022 – Dec 2026

Bachelor of Engineering in Computer Engineering

Surat, Gujarat, India

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Web Technologies, Cloud Computing, Computer Vision, Machine Learning

Certifications & Additional

- Introduction to Web Development with HTML, CSS, JavaScript
- AI/ML in Cyber Security – 5-Day Short Term Course, SVNIT (ISEA Project Phase III)