

YUVARAJ VODIBOINA

Software Engineer | Hyderabad, India | Open to remote

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EDUCATION

Avanthi Institute of Engineering & Technology, JNTU-GV

Aug 2019 - Mar 2024

B.Tech, Computer Science and Engineering

EXPERIENCE

Founder and Software Engineer

Oct 2024 - Present

CodeHorizon | codehorizon.in

Self-employed, remote

- Designed, built and shipped nine products as a one-person studio, five Chrome extensions and four Android apps: six live on the Chrome Web Store and Google Play, two in closed testing, one retired.
- Own every release end to end: store listings, privacy policies, payments with Google Play Billing and Paddle, ads with AdMob, and codehorizon.in, a static site built by a Node.js script on Cloudflare Workers.

Frontend Engineer

Oct 2025 - Aug 2026

Truedune Beauty

Full-time, Bengaluru

- Built and maintained the web storefront in React, Next.js and TypeScript, with Node.js and Firebase integrations.
- Reworked checkout with Magic Checkout and single-click buy, and extended the Shopify storefront with Liquid.
- Ran six A/B tests across landing pages and product layouts, and contributed to the company's React Native app.

Web Developer (Contract)

Sep 2025 - Nov 2025

Kalpa Corporate Artz

Freelance

- Designed the company website in Figma and built it in Next.js, with GitHub Actions deployments to Cloudflare Pages.

Frontend Engineer Intern

May 2024 - Oct 2024

Intern Stump

Remote

- Turned Figma wireframes into reusable, accessible React and TypeScript components, tested with Jest.
- Cut initial render time with code-splitting and lazy loading, and set up preview deployments on Vercel.

Web Development Intern

Apr 2023 - Sep 2023

MSsquare Technologies

Remote

- Built front-end interfaces in HTML, CSS, JavaScript and Bootstrap; worked on page speed and technical SEO.

PROJECTS

ShopGrade | *TypeScript, React, Manifest V3, Appwrite, Paddle*

Live | shopgrade.in

- Audits any public Shopify store into a prioritized list of fixes. One server function gates every report on plan, credits and trial, and spends a credit in one database transaction; 542 automated tests.

SecureVault | *Kotlin, Jetpack Compose, Android Keystore*

Live | [Google Play](https://play.google.com/store/apps/details?id=com.yuvaraj.vodiboina.securevault)

- An encrypted vault behind a working calculator: AES-256-GCM with keys in the Android Keystore, encrypted filenames, PBKDF2-hashed passcodes, biometric unlock and screenshot blocking.

TubeFocus | *JavaScript, Manifest V3, service workers, Playwright*

Live | [Chrome Web Store](https://chromewebstore.google.com/detail/tubefocus)

- YouTube focus controls whose timers keep running after Chrome suspends the service worker, with settings writes applied one at a time; 39 regression tests and 24 checks in real Chrome.

Nicked | *Kotlin, Jetpack Compose, Python*

In closed testing | [Trailer](https://trailer.in)

- A daily cricket quiz with typo-tolerant search over 403 cricketers, each checked against a published source; a SplitMix64 schedule stays in step with the Python data pipeline via a golden test.

More projects: Companion AI (Android, 100+ downloads), TabCluster and CSS Class Highlighter (Chrome); earlier: Course Recommendation Engine (Python, Scikit-Learn, Flask, PostgreSQL), Chat Room (Flask, Socket.IO), Pencil Sketch (OpenCV).

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Kotlin, Java, Python, SQL, HTML, CSS, Shopify Liquid

Web: React, Next.js, React Native, Node.js, Tailwind CSS, Vite, Bootstrap, REST APIs

Android: Jetpack Compose, Coroutines, StateFlow, Hilt, Room, DataStore, WorkManager, Android Keystore

Chrome extensions: Manifest V3, service workers, content scripts, Chrome APIs (storage, alarms, tabs, scripting)

Backend and cloud: Appwrite Functions, Firebase, Flask, PostgreSQL, Cloudflare Workers and Pages, Vercel, Docker

Quality and tools: Jest, Playwright, Lighthouse, Core Web Vitals, A/B testing, WCAG, Git, GitHub Actions (CI/CD), Figma

CERTIFICATIONS

Google UX Design Certificate (Jan 2025) | Docker Foundations Professional Certificate (Oct 2025)