

Karan Chauhan

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with hands-on experience delivering production web and Android applications end-to-end. Proficient in React, Next.js, Node.js, and Jetpack Compose, with additional exposure to Web3 and Solidity smart contracts. Proven ability to ship pixel-faithful UI, integrate REST APIs, and architect modular, maintainable systems across the full development lifecycle.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, Solidity, Python

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Jetpack Compose

Tools & Platforms: Git, GitHub, Firebase, IPFS, Android Studio, VS Code, Vercel

Databases: MongoDB, MySQL

Concepts: REST APIs, MVVM, Component Architecture, Web3, WebAssembly, Responsive Design

WORK EXPERIENCE

UI/UX & Frontend Developer Intern

Feb 2026 – Present

DignifiedMe Technologies Pvt. Ltd. at Accelix.ai

Vadodara, India

- Building the frontend for **accelix.ai**, an AI-powered pre-design validation platform for electronics hardware that delivers full architectural audits in under 15 minutes.
- Shipped production interfaces by translating UX designs into pixel-faithful, responsive experiences across all device breakpoints.
- Developed a reusable component library aligned with the design system, reducing feature build time across the team.
- Integrated REST APIs with robust async state management, ensuring reliable data flow under real-world usage conditions.
- Collaborated across the stack on backend features, enabling full end-to-end delivery without hand-off bottlenecks.

Android Developer Intern

Sep 2025 – Dec 2025

MaMo Technolabs LLP

Remote

- Delivered production Android features using Jetpack Compose, achieving responsive UI and smooth user interactions.
- Architected modular MVVM components, improving codebase maintainability and enabling faster feature iterations.
- Integrated REST APIs with coroutine-based async state, ensuring consistent data flow and a dependable user experience.
- Contributed to code reviews and iterative debugging cycles, helping the team ship on-spec releases reliably.

PROJECTS

PDF Tools Workspace

Live Project

JavaScript, WebAssembly, pdf-lib

- Engineered a 100% client-side PDF workspace (merge, split, reorder pages) running entirely in-browser via WebAssembly “zero server calls, fully offline-capable.
- Surfaced privacy-guarantee badges so users can verify that files never leave their device.

EduChain Lib — Decentralized Educational Library

Live Project

Solidity, Polygon, IPFS, React.js

- Deployed smart-contract-gated content access on the Polygon blockchain, protecting creator IP at the protocol level.
- Automated on-chain royalty distribution, replacing manual payout workflows with trustless execution.

Arcadium — Browser Arcade Suite

Live Project

Vanilla JavaScript, HTML5, CSS3

- Built four classic arcade games (Snake, Pong, Tic-Tac-Toe, Space Invaders) with shared collision-detection and state-management logic.

- Designed a reusable game-engine core, keeping each title DRY and straightforward to extend.

Ocean Amore — Resin Product Store

Live Project

HTML5, CSS3, JavaScript

- Designed and deployed a responsive e-commerce showcase from scratch, focusing on modern UI and smooth animations.
- Optimised asset loading and layout structure for measurable performance and accessibility gains.

Vision-Based Identity System

GitHub Repository

React.js, Node.js, Express.js, MongoDB (MERN)

- Built a full-stack identity-verification system integrating facial-recognition workflows with modular REST APIs.
- Designed the React frontend for real-time authentication monitoring; structured the backend for extensible security integration.

EDUCATION

Parul University

Vadodara, Gujarat

Bachelor of Technology in Computer Science Engineering

2022 – 2026

HONORS & ACHIEVEMENTS

- **Winner** — The Graph-powered On-Campus Hackathon & Bootcamp, Parul University.
- Authored the review paper “*Vision-Based Identity System*” (MERN + facial recognition).
- Completed *20-Day Impact Training* by Hitbullseye.
- Certified in *Cloud Computing and AI with AWS*.