

# JAINAM KHARA

Full Stack Engineer · Web & App Developer · AI/ML Enthusiast

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## CAREER OBJECTIVE

Motivated and results-driven Full Stack Engineer and final-year Computer Science student seeking an entry-level / junior software engineering role where I can contribute expertise in React.js, Next.js, Node.js, and AI/ML integration to build impactful, production-grade applications. Eager to apply hands-on experience from 10+ end-to-end projects and two internships to help a forward-thinking organisation solve real-world problems through technology.

## EDUCATION

### Bachelor of Engineering in Computer Science

SAL Institute of Technology and Engineering Research, Ahmedabad

2024 – Expected 2027

CGPA: 8.13 / 10

### Diploma in Computer Engineering

C. U. Shah Govt. Polytechnic, Surendranagar

2021 – 2024

CGPA: 8.09 / 10

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Python, Java, PHP, HTML5, CSS3, SQL, C, C++

**Web Frameworks / Libraries:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, Shadcn/UI, Three.js

**Mobile Development:** Android SDK (Java / Kotlin), React Native

**Cloud / Databases / DevOps:** Firebase, Supabase, GCP, Docker, MongoDB, PostgreSQL, Prisma

**AI / ML:** TensorFlow, PyTorch, Scikit-learn, OpenCV, Gemini AI, Pandas, NumPy, Matplotlib

**Architecture & Security:** REST API Design, Microservices, OAuth 2.0, JWT, Arcjet Rate Limiting, System Design, DSA

**Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Self-Learning, Attention to Detail

## INTERNSHIPS & WORK EXPERIENCE

### Android Developer Intern

Findpro IT Solution | Surendranagar, Gujarat

Jul 2023 – Aug 2023

- Engineered 'Planet Shopify', a production-ready e-commerce Android application using Android SDK and Firebase, delivering real-time product data syncing and a seamless mobile shopping experience across the full buy flow.
- Built a role-based admin portal integrating SQLite and Room for local data persistence, centralising inventory management and order tracking in a single dashboard, eliminating manual stock updates.
- Integrated Retrofit for type-safe RESTful API consumption, improving client-server data-loading performance and reducing network-related crashes across 3+ core application screens.

### Python & ML Developer Intern

Findpro IT Solution | Surendranagar, Gujarat

Sep 2022 – Sep 2022

- Developed a Student Management System web application using Python backend logic and structured data storage, automating manual record-keeping and reducing administrative data-entry time.
- Applied TensorFlow, Scikit-learn, Pandas, and NumPy across supervised ML experiments, building hands-on proficiency in data preprocessing and model evaluation pipelines.

## PROJECTS

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### Drop of Hope

*React · TypeScript · Vite · Tailwind CSS · Shadcn/UI · Node.js · Express.js · Supabase · PostgreSQL · Clerk · Recharts*

- Architected a 3-tier multi-portal blood management platform (donor, hospital, admin) with real-time inventory tracking and interactive donor gamification, streamlining coordination across multiple stakeholder groups.
- Implemented hybrid authentication with Clerk and Supabase using role-based access control, securing all portals and delivering a fully responsive, mobile-first design.
- Integrated an AI chatbot assistant and admin analytics suite (Recharts), providing data-driven visibility into donation trends, inventory levels, and platform-wide activity.

### Vehiq

*Next.js · Tailwind CSS · Shadcn/UI · Clerk · Supabase · Prisma · Gemini AI · Arcjet*

- Developed a Gemini AI-powered car inventory platform with automated listing-description generation and personalised vehicle recommendations, reducing manual content creation effort.
- Secured the platform with Clerk authentication and Arcjet rate-limiting, protecting dealership profiles and inventory endpoints from abuse.
- Delivered an end-to-end vehicle buying workflow — listings, wishlist, test-drive booking, and dealership profiles — integrating Prisma ORM with Supabase PostgreSQL for type-safe data access.

### Face Recognition Smart Attendance System

*Python · OpenCV · Pandas · Tkinter · NumPy · Pillow*

- Developed a real-time face recognition attendance system using OpenCV, automating student check-in across multiple sessions and eliminating manual roll-call entirely.
- Engineered automated CSV report generation with password-protected student management, ensuring data integrity and producing exportable attendance records for institutional reporting.

## ACHIEVEMENTS & CERTIFICATIONS

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- Solved **100+ LeetCode problems** — strengthening proficiency in Data Structures, Algorithms, and competitive problem-solving.
- Completed **10+ end-to-end projects** spanning full-stack web, mobile app development, and AI/ML domains.
- **JPMorgan Chase & Co.** — Software Engineering Job Simulation — applied real-world software engineering workflows.
- **Tata** — GenAI Powered Data Analytics Job Simulation — hands-on experience with generative AI in analytics pipelines.
- **Deloitte** — Data Analysis Job Simulation — applied professional data analysis and business insight skills.
- Android Programming for Android 16 using Java & Kotlin — Udemy (65 hrs)
- Python — Udemy (31 hrs) · Python Data Analysis — Udemy (8 hrs)
- Advanced Java — LearnQuest / Coursera (15 hrs)
- Divide & Conquer, Sorting & Searching Algorithms — Stanford Online / Coursera (15 hrs)

## LANGUAGES

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**English** (Fluent) · **Hindi** (Native) · **Gujarati** (Native)