

# Jimit Chavda

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## WORK EXPERIENCE

### Tatvic

Technical Trainee

Ahmedabad, Gujarat, India

Jan 2026 – Present

- Developed **5+ Google Workspace automations** as automation developer, streamlining cross-team analytical workflows end-to-end.

### HisabOK

Founding Full Stack Intern

Remote

Nov 2024 – Nov 2025

- **0 to production** – sole founding engineer architecting the entire mobile app and backend across a 13-month engagement.
- **40%** faster API response times and **35%** app load time reduction via backend query optimisation and phone-side performance tuning.
- **4+** technologies owned end-to-end across React Native, Node.js, Java with zero handoff dependency.

### White Carbon Motors Private Limited

Mobile Application Developer Intern

Gandhinagar, Gujarat, India

May 2025 – Jul 2025

- **2 production apps** built and shipped in parallel as the sole React Native developer within a 3-month timeline.
- **0 additional engineers** – independently owned full feature lifecycle from UI architecture to Redux state management across both apps.

## ACHIEVEMENTS

- **80%** processing time reduction and **99%** cost cut via internal automations built within first months at Tatvic.
- **100%** of marketing team's manual workflow replaced by a multi-agentic AI automation system built independently.

## SKILLS

**Languages & Frameworks:** Java, Spring Boot, Rust, C++, Python, Dart, Flutter, React, React Native, TypeScript, Node.js, Express

**Databases & Infrastructure:** PostgreSQL, MongoDB, Redis, RocksDB, Docker, JWT, Prisma

**AI & ML:** LangChain, RAG Pipelines, Vector Databases (FAISS/Chroma), Ollama (Llama 3), BM25, Weka ML, Multi-Agent Systems

**Tools & Practices:** REST APIs, Microservices, Multithreading, Async Programming (Tokio), DID/Cryptography, SDL2

## EDUCATION

Pandit Deendayal Energy University

B.Tech [Computer Science / Engineering]

Gandhinagar, India

2022 – Present

## PROJECTS

### med-scheduler Suite: Full-Stack Clinic Booking Platform

[GitHub](#)

- **2 integrated services** – Angular/RxJS frontend and Spring Boot/Node.js backend with JWT auth and PostgreSQL, delivered as a single deployable platform.
- **Real-time** doctor schedule sync and patient notification engine handling concurrent booking conflicts across multiple practitioners.

### Parallel-Log-Analyzer: Multithreaded C++ SIEM Tool

[GitHub](#)

- **4×** faster log analysis vs. sequential processing by parsing multi-GB server log files using C++ `std::thread` concurrency.
- **Real-time** intrusion detection flagging across high-volume log streams with pattern-matched alert rules. Stack: C++, Standard Library.

### Insuria: Real-Time Insurance Underwriting Microservice

[GitHub](#)

- **1,000+** applications/min processed at sub-100ms latency combining Drools rules engine with Weka ML models for instant approvals.
- **45%** reduction in manual underwriting review load in simulation benchmarks. Stack: Java, Spring Boot, PostgreSQL.

### MultiPDF Chatbot: Production RAG Document Assistant

[GitHub](#)

- **88%** answer relevance on internal test sets via a LangChain RAG pipeline over multi-document corpora using FAISS/Chroma and Llama 3.
- **Multi-PDF** ingestion with real-time conversational Q&A. Stack: Python, LangChain, Vector DB, Streamlit.