Harshit Kumar Yadav

Bengaluru | harshitkumaryadav369@gmail.com | LinkedIn | GitHub | Portfolio

Education

National Institute of Technology, Bhopal May 2025
B.Tech in Electrical Engineering 8.0/10 CGPA

Work Experience

Null Axis | Full-Stack AI Engineer Sep 2026 – Present

- Owned the production rollout of **ReconAI**, an AI document reconciliation product (FastAPI, Next.js, Gemini, Document AI), on a major Indian airline's Azure AKS: Key Vault, workload identity, API gateway and SAML single sign-on, from pre-production to go-live
- Fixed silent Excel truncation on ERP exports with 34 adversarial tests and a 45-file old-vs-new differential; the reader handles a 29k-row file at a 3 MB memory peak versus 426 MB for a full load
- Root-caused production failures across SSO, file parsing and LLM logging, including a SAML claim-order bug that denied every user
- Took **AccountIQ**, an account intelligence product (React, FastAPI, PostgreSQL, pgvector, Redis), from imported MVP to live GCP deployment in under two weeks, with GitHub Actions CD, Google sign-in and a HubSpot CRM sync designed so Salesforce can plug in later
- Built an extraction eval gate (in review) that grades extracted values against the source page with Gemini vision and shows a Confidence tab per document

UNIQODE | Full-Stack Software Developer Feb 2025 – Aug 2026

- Built an internal Dependabot Vulnerability Tracker with Python, Django, React, GitHub APIs and Claude API; automated dependency triage and safe-to-merge decisions across 48 AWS Lambda functions using LocalStack
- Architected LinkPage Domain Management with Django REST Framework and React: multi-domain routing, organization-level access control, custom domain verification and admin workflows for a 60K+ user platform
- Engineered a Watchlist system with Django, Redis and Celery; asynchronous daily digest pipelines delivered link analytics to 5,000+ active users per day
- Architected a Custom Domain Migration Bridge from the legacy Polo platform to Uniqode, remapping DNS and config across systems; directly unlocked a $20K customer deal within one week
- Designed a Comments Collaboration module with threaded comments, @mentions and real-time updates, adopted by nearly 20% of active users in the first month
- Authored 250+ Datadog synthetic tests across React flows, Django REST APIs and end-to-end workflows, reducing post-deployment issues by 30%

StoxHero | Application Development Intern Dec 2023 – March 2024

- Developed a real-time stock trading module in Flutter (iOS + Android) using live WebSocket feeds and REST APIs; contributed 9% of the mobile codebase

Projects

Voice AI Customer-Support Agent | Code | Demo | Python, LiveKit Agents, Next.js, Express, MongoDB Apr 2026

- Built a real-time voice agent orchestrating speech-to-text, LLM inference and text-to-speech into a low-latency streaming pipeline
- Implemented LLM tool-calling escalation to human agents, with a self-improving knowledge base that ingests every resolved query

Lincom | Live | Demo | Code | React, TypeScript, Node.js, Express, MongoDB, Chrome Extension (MV3) Jul 2026

- Automated LinkedIn inbox triage with a hybrid rules + Claude API pipeline classifying messages into 4 intent classes, with human-approved AI reply drafts
- Designed a browser-first security model keeping LinkedIn auth client-side, forwarding only sanitized JSON to the backend

Technical Skills

Languages: Python, TypeScript, JavaScript, C++, Java, SQL, Dart
Frameworks: FastAPI, Django REST Framework, React, Next.js, Angular 17+, Flutter, Node.js
Databases: PostgreSQL, pgvector, MongoDB, Redis, MySQL
Cloud & Infra: Azure (AKS, Key Vault, Entra ID), GCP, AWS (Lambda, SQS), Docker, Helm, GitHub Actions, LocalStack
AI & Agents: Gemini, Claude API, OpenAI Agents SDK, Document AI, LangGraph, CrewAI, AutoGen, Agno, MCP, LangChain
Observability: Datadog, Grafana, Loki, Amplitude

Certifications & Achievements

- AI Engineer Agentic Track: The Complete Agent & MCP Course, Udemy (2026)
- Selected for the OpenAI Codex Hackathon, Bengaluru (2026); used Codex as a multi-file coding agent to build a JavaScript → Rust repo converter