

Ravi Chaudhary

Full Stack Engineer · 5 years

ravichaudhary8434@gmail.com

+91 84341 33302

[linkedin.com/in/ravichaudhary8434](https://www.linkedin.com/in/ravichaudhary8434)

github.com/ravichaudhary8434

Noida, India

SUMMARY

Full stack engineer with 5 years across developer tooling and fintech. Trusted with whole problems rather than tickets: sole engineer on platform-wide changes, and the one who goes below the web stack when that's where the fix is.

SKILLS

- **Languages:** Go, Python, TypeScript, JavaScript
- **Backend:** Node.js, FastAPI, REST, WebSockets, OpenAI API
- **Databases:** MongoDB, MySQL, PostgreSQL, Redis, OpenSearch
- **Frontend:** React, Redux, Chrome Extensions (Manifest V3)
- **Infrastructure:** AWS, Docker, Kubernetes, Nginx, Datadog
- **AI tooling:** Claude Code, MCP servers, agentic dev workflows

EXPERIENCE

- **Senior Software Engineer (SMTS)** Noida, India
TestMu AI (formerly LambdaTest) April 2026 – Present
 - Designed and shipped **offline mode for real iOS and Android devices** end to end – WebRTC-over-USB streaming, a signaling relay with Nginx/Lua/Redis routing, the session UI and a runtime API – so customers can test offline-first behavior on real hardware.
 - Enabled **macOS VoiceOver shortcuts** (14 shortcut families) inside remote browser sessions after diagnosing why the virtual-keyboard path failed: VM-level changes and system-event injection via robotjs on the Mac side, keycode mapping and fallbacks in the frontend.
 - Delivered **dark mode for the entire LambdaTest web platform** as the sole engineer: built TypeScript theme tokens and a provider into the design system, adopted by **10+ client apps and 15+ SDKs**.
 - Replaced unindexed MySQL table scans behind the test-sessions listing API with an **OpenSearch**-backed path (Node.js query client, ETL into the index) so listing stays fast at scale.
- **Software Engineer (MTS)** Noida, India
TestMu AI (formerly LambdaTest) July 2024 – March 2026
 - **Owned the accessibility product** in its early days – roadmap, architecture, and design/code reviews for a team of 4 engineers and 2 QA.
 - Engineered the **AI accessibility engine** services in Python (FastAPI) and Go: an OpenAI GPT pipeline judging 5 WCAG criteria static scanners can't, with screenshot capture tuned for accuracy.
 - Turned the **Accessibility Chrome Extension** (Manifest V3) from a basic scanner into a full DevTools panel (keyboard/tab-order scans, issue highlighting, iframe support), now at **3K+ users, 4.9 rating**.
 - Built **accessibility scan scheduling** end to end (recurring scans, login flows, tunnel, crawler/sitemap input up to 10K URLs, live progress, PDF/CSV reports), now running **1K+ scans a month**.
 - Extended accessibility testing from web to **native Android and iOS apps**: 2 SDKs (real-device launcher, embeddable client) and VoiceOver/TalkBack-driven screen-reader automation.
- **Software Development Engineer** Gurugram, India
LCX Technologies (Exchange Team) January 2024 – June 2024
 - Developed the crypto exchange's **trading interface** from scratch in React/Redux with TradingView charts, keeping it stable and responsive for **50,000+ users** during peak trading.
 - Added **WebSocket** push updates between frontend and backend, **cutting trade execution time 50%**.
 - Screened candidates and ran **first-round technical interviews** for the frontend team.
- **Software Development Engineer (Associate)** Gurugram, India
LCX Technologies (Accounts Team) September 2021 – December 2023
 - Implemented **KYC onboarding** with PEP/sanctions screening via the Pliance API, and automated recurring ops with scheduled backend jobs, saving **15+ engineering hours a week**.

EDUCATION

- **Bhagalpur College of Engineering** Bhagalpur, India
B.Tech, Computer Science and Engineering; CGPA: **7.97/10.0** August 2018 – August 2022