Bhimesh S. Chauhan

Lead Software Engineer | Founder | AI Platform & Full-Stack Engineer

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Summary

Lead software engineer and founder with 10+ years building production AI, payments, IoT, and SaaS systems; has lived and worked in Canada, the United States, and Spain. I turn customer and stakeholder needs into reliable products through AI retrieval, backend APIs, security, observability, and technical leadership.

Work Experience

Rare Days **Jan 2026 – Present**

Lead Software Engineer *Remote, Canada*

- Led Ask Kindred from SDK integration to production for three customer companies (about 200 daily active users) and built the reusable multi-tenant RAG platform behind it (npm SDK and CLI, staged deploys, per-tenant capacity caps): under 5 seconds to first token, 99.99% availability, about $15 per client per month.
- Led engineering for the Jefferson Fisher launch platform, with queue-protected Stripe checkout: about $700K USD in sales in under 48 hours.
- Evaluate retrieval and refusal behavior against fixed question sets (55-query set: distress routing 7/10 to 10/10, no grounding violations); introduced Sentry across frontend and backend and delivered 10+ CI improvements.
- Mentored a junior engineer and built reusable ingestion, retrieval, and safeguard components used across Rare Days projects.

Scrubs Co-Pilot **Aug 2025 – Dec 2025**

Founder and CTO *Toronto, Canada*

- Led clinical workflow discovery and direct validation with healthcare professionals, translating documentation challenges into an ambient clinical AI product.
- Built the platform across transcription, LLM workflows, RAG, vector search, APIs, infrastructure, and security; reduced clinician documentation time by approximately 80 percent.
- Owned the technical roadmap, product trade-offs, data security, hiring, and the path from concept to a production-ready clinical platform.

BenchSci **Apr 2025 – Aug 2025**

Lead AI and Full-Stack Engineer *Toronto, Canada*

- Built AI and RAG workflows across 100K+ biomedical research artifacts, making scientific evidence easier for researchers to discover and use.
- Reduced manual curation by approximately 60 percent and set technical direction across data pipelines, retrieval quality, APIs, and user-facing experiences.
- Partnered with product and scientific stakeholders to improve reliability, data quality, and research workflows across the platform.

MicroMart / KitchenMate Inc. **Jun 2023 – Apr 2025**

Senior Full-Stack Software Engineer *Toronto, Canada*

- Led product and platform delivery for smart food kiosks, improving customer and operator experiences across applications, hardware, payments, and inventory.
- Built real-time operations tooling and Modbus RS485 integrations; improved customer engagement by 20 percent, satisfaction by 15 percent, and reduced downtime by 30 percent.
- Led Heartland payment certification and PCI compliance work, coordinating vendors and partners to enable trusted production payments.

Preply Inc. **Oct 2020 – Jun 2023**

Senior Full-Stack Software Engineer *Barcelona, Spain*

- Led learner-progress and feedback experiences for 80K+ active learners; customer research, experimentation, and analytics contributed to a sustained 5 percent conversion increase.
- Used customer interviews, experimentation, and product analytics to turn learner needs into scalable product decisions across international markets.
- **Earlier Experience:** Full-Stack Software Engineer, DataRobot (Jul 2019 – May 2020); Full-Stack Software Developer, Pitchly (Jul 2018 – Jul 2019); Android Software Developer and Data Scientist, Nebullam (May 2017 – Aug 2019).
- **Education:** B.S. Electrical Engineering, Iowa State University (2014 – 2018).

Selected AI Project

- **Book-to-Audiobook AI Pipeline:** Built a fault-tolerant Python NLP and TTS workflow using long-context segmentation, dialogue attribution, NER, coreference, post-processing, and resumable batch orchestration.

Skills

- **AI / Platform:** LLMs, RAG, AI Evaluation, React, Node.js, TypeScript, Python, AWS, Docker, CI/CD, Observability
- **Leadership:** Customer Discovery, System Architecture, Technical Direction, Cross-Functional Delivery, Team Leadership, Mentorship, Production Readiness