

Harsh Vakharia

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I am a Senior Full Stack Engineer & Manager with over ten years of experience shipping production systems across AI/ML, fintech, and blockchain. I have built GenAI pipelines with diffusion models & computer vision and payment infrastructure from scratch, founded and led engineering teams to \$100K MRR and 25K WAU, and I'm eager to bring that same ownership to forward-thinking AI-driven products.

Skills

Programming

Over 50,000 sloc:

TypeScript/JavaScript,
Solidity, React, Vue,
Next.js, Nuxt.js

Over 5000 sloc:

Rust, Python, Dockerfile,
C, C++, Java, PHP

AI

Anthropic, OpenAI,
Google Gemini, Ollama

Database

MongoDB, Redis, PostgreSQL,
Supabase

Fintech & Payments

Shopify, Stripe, Bridge,
ZeroHash, Uphold

DeFi & ZK

Aave, Compound, Circom

Durable Workflows

Inngest, Temporal

Queue & Messaging

RabbitMQ, Apache Kafka

Hosting

AWS, GCP, Bare Metal,
Railway, Vercel, Netlify,
RunPod, Modal

PM Tools

Linear, Jira, Figma,
Github Issues & Projects

Links

Github: [harshjv](#)

X: [harshjv](#)

Blog: [harshjv.com](#)

LinkedIn: [harshjv](#)

NPM: [harshjv](#)

Docker Hub: [harshjv](#)

Education

Sarvajani College of Engineering & Technology

Bachelor of Computer
Engineering | IN May 12 — Jun 16

Personal Interests

DIY electronics

Travel | 22 countries and counting

Experiences

Vibecheck | AI try-on & UGC platform

Founder, Tech Lead — TypeScript, Python, React, PostgreSQL | TH

Feb 26 — Present

- Combined ONNX segmentation (~11x faster CPU inference) with a virtual try-on diffusion model
- Added hi-res refinement via RoPE extrapolation: 2.25x pixels, up to 80% faster inference
- Built background replacement with lighting matching and a postprocessing/evaluation pipeline
- Deployed the model pipeline on Modal and RunPod

Etherbit Pay | Multi-chain MoR in India — \$100K MRR, acquired by a PE firm in Mar 25

Founder, Advisor post-acquisition — TypeScript, Solidity, React | IN

Sep 23 — Aug 26

- Built a unified platform for payments on Bitcoin, Ethereum, Avalanche C-Chain, Base, Optimism, BNB Chain, and Polygon
- Led a team of 13, including five developers
- Integrated Indian sales tax, reporting & compliance tools

XO Pay / Exodus | Fiat on/off ramp

Senior Software Engineer — TypeScript, React, Next.js | Remote

Apr 25 — Dec 25

- Integrated ZeroHash (unlocking New York) and Uphold (UK, GBP) into the on/off ramp
- Self-initiated designs, presented: Aave integration with Bridge, XO Link (unified DEX & CEX API)

Liquidity / ConsenSys | Multi-chain wallet & cross-chain atomic swaps — 25K WAU

Founding Team, Tech Lead — TypeScript, Solidity, Vue, React | US

Apr 18 — Jul 23

- Led a team of six developers and one DevOps personnel
- Built the foundational Chain Abstraction Layer library for cross-chain atomic swaps and to simplify the interfacing of Bitcoin, NEAR, and EVM chains (Ethereum, Avalanche, Polygon, BNB Chain, Arbitrum, RSK)
- Built & managed infrastructure of blockchain nodes & indexers
- Built the Liquidity wallet, a multi-chain browser extension
- Built the Atomic Agent to automate liquidity provisioning

Earlier

Full Stack Blockchain Engineer — WINGS Stiftung | CH

Aug 17 — Mar 18

Blockchain Engineer & Researcher — Innominds | IN

Dec 16 — Jul 17

CTO & Co-founder — Nebulis | FI

Oct 16 — Feb 17

Full Stack Engineer — AdWyze | IN

Jun 16 — Oct 16

Google Summer of Code — Berkman Klein Center, Harvard | US

Apr 16 — Aug 16

Projects & Experiments

Private Bitcoin Transfers with Zero-Knowledge Proofs | Shielded Bitcoin

Circom, TypeScript, React | [shielded.bitcoin.pe](#)

Pre-L2 Payment Channel on Ethereum | Thunder Network

Solidity, Node.js, JavaScript | [thunder-network.github.io](#)

Optimise smart contracts with LLL | ABI to LLL

Solidity, JavaScript | [npmjs.com/package/abi-to-lll](#)

Peer-to-peer adaptive content distribution service | Dopplr CDN

Node.js, React | [youtube.com/watch?v=_Va2KnRX7w8](#)

Port of Threes! game to C | Threes.c

C | [github.com/harshjv/threes-c](#)

Customizable Musical Touch Surface | FreakBoard

Java, Python, OpenCV | [youtube.com/watch?v=lu6g56Ar-vQ](#)

Real-time industrial machine data analysis | Pushbit

React, Arduino, Socket.IO | [thepushbit.github.io](#)