

Vardhman Bengani

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EDUCATION

Vellore Institute of Technology, Chennai

Chennai, India

B.Tech, Computer Science and Engineering — CGPA: 9.05 / 10

2023 – 2027 (Expected)

EXPERIENCE

Software Engineer (Contract)

Jul 2026 – Oct 2026

AIPowerGrid — decentralized GPU compute grid | aipowergrid.io

Remote, US

- Shipped multi-model serving in the worker (merged): setup-wizard roster, dashboard and settings editor.
- Audited 19 org repositories into a whole-system architecture reference; reported 9 root-caused defects.
- Built 12 game scaffolds on [codebase.design](#); swapped a regex prompt router for an LLM classifier.

Software Engineer Intern

Jun 2026 – Jul 2026

WeWin Technologies — travel booking ([SnappyTrip](#))

Remote, India

- Rebuilt the booking frontend from a legacy Flutter-Web layout into a responsive web-native app.
- Disclosed a critical client-side price-tampering vulnerability in the production booking flow.

PROJECTS

Redigo — in-memory key-value store | *Go* | github.com/flcrom/redigo

June 2026 – Present

- Redis-compatible store in Go over raw TCP: a goroutine per connection, mutex-guarded keyspace.
- Hand-written RESP2 parser/encoder; 12 commands incl. SET/GET+EX/PX, INCR/DECR and full list ops.
- Lists on a custom doubly linked list; O(1) lazy key expiry instead of a background sweeper.

Doxomachy — one public AI mind with a 1,000-token memory | *TS* | doxomachy.flcrom.dev

Sep 2026 – Present

- Built and launched a shared AI memory capped at 1,000 tokens: visitors add beliefs and shield them with credits, and the weakest belief is evicted when memory fills; a diary is written daily from whatever survives.
- Email auth, credit ledger and Dodo Payments checkout on a Cloudflare Workers TS backend.
- Injection defenses treat every belief as quoted text, never instructions.

Delude — storefront for a UAE streetwear brand (freelance) | *Shopify* | delude.shop

Sep 2026 – Present

- Built the UAE streetwear brand's first store on Shopify, moving it off an Instagram-only presence.
- Chaptered drop catalog, eleven-chapter archive and pop-up event pages (Sikka Dubai, VILLA AUMÉDAN).
- Class-hoodie ordering flow for graduating classes.

Prawns — password breach checker | *JS, Redis, AWS* | github.com/flcrom/prawns

May 2026

- Breach-checker API using SHA-1 k-anonymity, so credentials are never transmitted.
- Streamed the rockyou dataset into SHA-1 hashes, bucketed by prefix into chunked Redis lists.
- Express and Redis deployed on AWS (EC2, ElastiCache).

Open Source Contributions

Aug 2025 – Present

- **Reflex**: nine merged PRs covering CLI fixes, Redis limits and frontend variables.
- **Mastra + OpenSpec**: Inngest processor hooks and external spec-store setup.
- **PostHog + Superset**: warehouse fixes, session cookies, typed dispatch, commit refresh and agent setup.
- **Koanf + LaunchDarkly + Depot**: config merge state, Redis read hangs and CI runner labels.
- **Nhost + Monkeytype**: SMTP layout, toast colours and keymap UI.

TECHNICAL SKILLS

Languages: Python, Java, Go, C/C++, TypeScript, JavaScript, SQL

Backend & Data: REST APIs, Node.js, Express.js, Next.js, React, PostgreSQL, Redis

Cloud, Tools & Security: AWS (EC2, ElastiCache), Docker, Git, Linux, Burp Suite, Wireshark

ACHIEVEMENTS

- Secured **1st Rank** for the Levitation Subsystem at the **IIT Madras GHC DesignX** as part of Team Dromos.
- Awarded INR 30,000 and received two internship offers for responsibly disclosing critical security vulnerabilities.
- Won **1st Place** in CryptoClash CTF and **2nd Place** in Cyber-0day CTF at VIT Chennai.