

Hussain Zada

647-994-0546 | hussain.hz994@gmail.com | [linkedin.com/in/hikmatullahhussainzada](https://www.linkedin.com/in/hikmatullahhussainzada) | github.com/Hikmatullah6 |
[Portfolio: hussain.dev](https://hussain.dev)

EDUCATION

Bachelor of Science (Honours) in Computer Science

Sep. 2022 – Jan. 2026

Trent University

Peterborough, ON

- Dean's List

EXPERIENCE

Founding Engineer

Apr. 2025 – Present

House Seven

Peterborough, ON

- Co-founded and operate an eCommerce business managing 1,000+ unique, auction-sourced products with non-repeatable inventory
- Built and deployed a customer-facing storefront (Next.js, Supabase, Vercel) with catalog search, filtering, and an email inquiry flow, serving 1,000+ live inventory items
- Engineered a custom inventory system (Next.js, Supabase, Vercel) that cut manual tracking time by 80% and eliminated data-entry errors across 3 product statuses
- Designed bulk CSV ingestion pipeline handling edge cases (BOM characters, inconsistent date formats, dynamic headers), zero failed imports across 20+ auction batches
- Implemented PIN-based auth with SHA-256 server-side hashing and session-scoped caching, securing batch-level access without user-account overhead
- Managed schema migrations and row-level security policies across production Supabase deployments with no data loss

Frontend Developer

May 2025 – Jan. 2026

HackTrent

Peterborough, ON

- Shipped responsive UI components in Next.js supporting 200+ participant registrations, keeping the registration flow live through the full event with no participant-facing outages
- Deployed 12+ frontend releases via Vercel under tight deadlines, coordinating across design, ops, and marketing teams with zero rollback incidents
- Diagnosed and resolved real-time production issues during the live hackathon, preserving event continuity

PROJECTS

Full-Stack Movie Watchlist Application | *React, PHP, MySQL, REST API, Vite*

- Architected a RESTful API with 15+ endpoints, proper HTTP semantics, regex-based dynamic routing, and consistent JSON contracts
- Built stateless API-key authentication, keys generated at registration, validated server-side on every protected request via custom X-API-KEY header
- Eliminated SQL injection risk across the entire backend using PDO prepared statements; wrote complex JOIN queries combining user data with a movie catalog

Blockchain Prototype | *Node.js, JavaScript*

- Built a blockchain prototype in Node.js implementing proof-of-work mining and transaction validation
- Implemented cryptographic hashing and digital signatures to produce tamper-evident, independently verifiable blocks
- Designed a transaction system with mining rewards, balance tracking, and a consensus mechanism enforcing chain integrity

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C/C++, PHP, SQL, HTML/CSS

Frameworks: React, Next.js, Express, Tailwind CSS, Vite

Developer Tools: Git, GitHub, Docker, Supabase, PostgreSQL, MongoDB, Vercel, Postman, Claude Code, Cursor, VS Code