Nehman Rahimi

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EDUCATION

York University – Lassonde School of Engineering — Toronto, ON
Bachelor of Honours in Computer Science — *Sep. 2024 – Expected Jun. 2028*
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Discrete Mathematics

RBC Academy (Royal Bank of Canada) — Toronto, ON
Graduate – Mentorship & Career Development Program — *Apr. 2024*

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL, HTML5/CSS3, Bash
Frameworks & Libraries: Next.js 14, React, Node.js, FastAPI, TailwindCSS, Framer Motion, Prisma ORM
Machine Learning: XGBoost, scikit-learn, SHAP Explainability, Isolation Forest, Ensemble Methods
Tools & Platforms: Git/GitHub, Docker, Vercel, PostgreSQL, WebSockets, REST APIs, CI/CD Pipelines

EXPERIENCE

Freelance Software Developer — Jan. 2024 – Present
Self-Employed — *Toronto, ON*
- Developed and deployed **3+ production web applications** for SMBs using React/Next.js, increasing client lead generation by **30%** and boosting online sales by **25%**
- Optimized site performance by implementing code splitting and image compression, reducing average page load times from 2.5s to **1.4s (44% improvement)** and achieving **95+ Lighthouse scores**
- Automated CI/CD pipelines with GitHub Actions, cutting manual deployment time by **80%** and ensuring zero-downtime releases

Sales Associate — Sep. 2024 – Present
GUESS?, Inc. — *Vaughan, ON*
- Exceeded daily sales targets by **20%+**, consistently generating **$1.5k+** in revenue per shift in a high-traffic retail environment
- Increased customer conversion rate by **15%** through strategic cross-selling and upselling techniques
- Processed **30+ transactions per shift** with 100% accuracy in POS systems and cash handling

PROJECTS

Apex Financial Bank | *Next.js 14, TypeScript, Prisma, PostgreSQL* — Dec. 2024
- Architected full-stack banking platform with e-Transfer, bill pay, and dispute management, simulating **10,000+ users** across **3 account types**
- Implemented role-based access control, transaction privacy mode, and EN/FR localization for enterprise-grade UX
- **Links:** Live Demo | GitHub

FraudGuard ML System | *Python, scikit-learn, XGBoost, FastAPI, React* — Dec. 2024
- Built real-time fraud detection dashboard using **ensemble ML** (XGBoost + Isolation Forest), analyzing **280K+ transactions** with **96% recall / 94% precision**
- Deployed WebSocket streaming for live monitoring (**100+ concurrent users**); integrated SHAP for explainable AI decisions
- **Links:** Live Demo | GitHub

Payment Pipeline Visualization | *React, TypeScript, Node.js, Framer Motion* — Dec. 2024
- Developed interactive payment flow visualizer mapping fraud check → balance verify → settlement for **1000+ simulated transactions**
- Implemented retry queue logic and audit trails, reducing simulated failed transaction rate by **90%**
- **Links:** Live Demo | GitHub

PricePatrol | *JavaScript, REST APIs, Google Maps API* — Oct. 2024
- **1st Place – York Engineering Competition:** Led team of 4 to build price comparison tool integrating **10+ local stores**, saving users **18% avg per trip**
- **Links:** Live Demo | GitHub