

Hisbaan Noorani

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EXPERIENCE

Software Engineer

Apr 2024 – Present

Cocoflo | NodeJS, Typescript, NextJS, React, PostgreSQL

Toronto, ON

- Eliminated **25+ SQL injection vectors** by introducing a type-safe ORM and leading team security training, driving **SOC2** compliance efforts.
- Engineered an **auto-scaling email event pipeline** using **AWS Lambda**, handling bursts of **10,000+ messages**.
- Architected a **schema-driven form rendering system** that generated dynamic, client-specific UIs from backend definitions, cutting form-related development and onboarding effort for new clients.
- Built a reusable **data migration pipeline** that onboarded **100,000+ customers**.
- Accelerated critical reporting dashboards by **90%** through server-side pagination and query optimization.
- Mentored two engineering interns conducting code reviews and pair programming.
- Created various complex frontend UI components leveraging **React** and **NextJS**

Software Engineer

Jun 2022 – Jan 2024

Fresh City | Java, Typescript, Vue3, MySQL

Toronto, ON

- Designed a **packaging requirements system** optimizing packing efficiency for **2.25M+ products** across **250,000+ orders**.
- Implemented a high-integrity migration workflow that transferred **500,000+ orders** with **zero data loss**.
- Diagnosed and resolved critical payment-processing defects that were risking losses of over **\$20,000 per day**.
- Engineered a **packing-line balancing system** that matched similar items across orders and distributed workloads across configurable packing lines, achieving a **3x throughput improvement**.
- Built logistics and analytics tools that increased production team workflow speed by **12x**, covering reporting, scheduling, and subscription visibility.
- Revamped the engineer onboarding pipeline by enforcing reliable migration practices (non-mutable migrations, accurate rollbacks), achieving a **13x reduction** in setup time for new developers.

Software Engineer, Intern

May 2021 – Sep 2021

Interactive Health Solutions | Java, Android, JavaScript, React

Remote

- Developed an HIV-specific extension module for **Hydra**, a mass-screening platform, using the **Java Android** ecosystem to support additional disease-tracking workflows.
- Created initial forms of internal documentation enabling smoother reproduction of production environments.

EDUCATION

University of Toronto

Sep 2020 – May 2024

Honours Bachelor of Science in Computer Science with High Distinction

PROJECTS

didyoumean | Rust, GitHub Actions

- Developed a terminal spelling corrector using **Damerau-Levenshtein distance** using **Rust**.
- **20,000+ downloads** through packages on **crates.io**, the **Arch User Repository**, **nixpkgs**, and **brew**.
- Automated packaging for distribution on multiple operating systems using GitHub Actions.

BinocularRSS | Kotlin, Jetpack Compose, Android, RoomDB, RSS

- Developed a feature-rich **Android** article feed reader (RSS).
- Designed reusable UI components with **Jetpack Compose** leveraging declarative programming.

TECHNICAL SKILLS

Languages: TypeScript & JavaScript, Rust, Java, Python, C, C++, Bash, Lua, Kotlin, SQL, HTML, CSS

Frameworks: NodeJS, Hono, React, NextJS, Vue3, Flask, Django, Tailwind, Android, Jetpack Compose

Tools: Linux, Docker, AWS, WorkOS, Trigger.dev, Nix, L^AT_EX, Git