

Tanzeel ur Rehman

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Work Experience

JANUARY 2023 - OCTOBER 2023

Trolley, Toronto, ON – *Software Developer*

- Implemented and tested frontend and backend features for platform, payment, and tax products using TypeScript, Node.js, React, Mocha and Jest.
- Optimized REST API by implementing pagination and caching, and optimizing Sequelize queries for several endpoints, achieving a reduction in average response times from 400-600 ms to 60-90 ms.
- Led development on a project to improve and expand logging across the backend codebase to facilitate debugging, achieving an 8-12% improvement in bug triage times across all teams.
- Wrote complex SQL scripts to identify ledger discrepancies affecting between 60 and 70 clients, and wrote Node.js scripts to update various PostgreSQL tables and resolve the discrepancies.
- Translated open source Ruby repo to TypeScript, deployed it as an AWS Lambda, and maintained co-ownership of it, replacing three separate TIN validation services across various repositories.

OCTOBER 2021 - JANUARY 2023

Case IQ, Ottawa, ON – *Software Developer*

- Participated in complete Software Development Life Cycle from alpha to go-live, contributing to the development of frontend features and backend logic in JavaScript, Node.js and React.
- Resolved bugs in live production environments with concurrent users ranging from 10 to 600 without downtime or data loss.
- Wrote Node.js and Python scripts to seamlessly migrate client data from legacy applications to case IQ's Node.js and PostgreSQL based solution.
- Integrated Okta and Microsoft SSO solutions with Case IQ based on client requirements.

Skills

- **Programming Languages:** *TypeScript, JavaScript, Python, HTML, CSS*
- **Frameworks, Libraries, and Utilities:** *Node.js, Express.js, React, Jest, Mocha, Chai*
- **DevOps, Workflow, and CI/CD:** *Jenkins, TravisCI, CircleCI, Azure, AWS, Docker, Git, Github*
- **Database and Storage:** *SQL (PostgreSQL, RDS), NoSQL(MongoDB), Redis*

Education

- **Cardiff University, Cardiff, United Kingdom – *B.Eng (Hons) Electrical Engineering***
- **University of Helsinki, Finland – *Certificate in Full Stack Web Development***