Harsh Singh

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https://harshturna.com | https://www.linkedin.com/in/harshturna | https://github.com/harshturna

EXPERIENCE

UI Developer & Designer **Winnipeg, Canada**
Terracor Business Solutions *Jan 2023 – Current*
- Led a full-scale migration of websites and applications management software, transitioning from PHP templates to a modern React ecosystem (React, Tailwind, React Query) while introducing new and enhanced functionality as the dedicated frontend developer
- Architected and implemented a Node-based configuration editor for custom ETL pipeline development, dramatically streamlining internal processes by reducing ETL configuration build time by over 50% and creating a centralized repository for configurations and documentation
- Collaborated with cross-functional team to develop a next-generation SaaS website administration platform, leveraging React, Redux, Material UI, and Cypress to create a robust, scalable solution with intuitive design and comprehensive testing strategies
- Crafted custom stylesheets and interactive widgets tailored to client requirements and goals
- Served as the primary technical escalation point for frontend challenges, providing guidance and resolving complex client-facing issues

Project Deployment Specialist **Winnipeg, Canada**
Terracor Business Solutions *Sep 2021 – Current*
- Orchestrated and led website and sync projects from initial engagement through deployment, ensuring seamless execution and client satisfaction
- Engineered custom ETL pipelines across diverse technological ecosystems, enabling sophisticated data integration between multiple databases (MySQL, PostgreSQL, SQL Server) and enterprise systems (SAP HANA, Microsoft Dynamics NAV, Spire, Sage 500), with robust API connectivity
- Provided targeted technical consulting, developing sophisticated data solutions and delivering tailored training programs that address complex business challenges
- Developed comprehensive technical documentation, including detailed process descriptions, feature specifications that facilitate clear technical communication and implementation strategies
- Leveraged SQL and Python for complex data analysis to identify and resolve client data issues and provide technical guidance for import/export operations

PROJECTS

Lynq https://lynq.byharsh.com | https://github.com/harshturna/lynq
Privacy first web analytics platform with comprehensive tracking and performance monitoring capabilities

Clair https://clair.byharsh.com | https://github.com/harshturna/clair
Real-time whiteboard and wireframing tool for sketching, prototyping, and brainstorming — all in one collaborative space.

Aivia https://aivia.byharsh.com | https://github.com/harshturna/aivia
Suite of AI tools offering everything from content generation to media transformations

Ronri https://ronri.byharsh.com | https://github.com/harshturna/ronri
An immersive online environment for solving real-world programming challenges

EDUCATION

Bachelor of Economics and Business **Winnipeg, Canada**
University of Winnipeg *Jan 2019 - Sep 2021*
- Dean's list
- **Relevant Coursework:** Database management system, Statistics & Applications, Combinatorics

SKILLS

Languages: JavaScript/TypeScript, Python, Java, Go, PHP, SQL, Bash, HTML, CSS

Tools and Technologies: React, Node.js, React Native, AWS, Docker, kubernetes, Terraform, Grafana, Git, Kafka, MySQL, PostgreSQL, Redis, MongoDB, Elasticsearch, Pandas, Tailwind CSS, Material UI, Django, Spring Boot, Selenium, Cypress, Nginx