IBAD RASHID

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TECHNICAL SKILLS
- Languages: Typescript, Python, HTML, CSS, Javascript, SQL, Dart
- Frameworks: React, Next.js, SvelteKit, Node Express, Flask, React Native, Flutter, Supabase
- Databases: MySQL, MariaDB, Postgres, MongoDB
- Deployed with Docker, NGINX, and Traefik to Cloud and homelab infrastructure
- Experienced in Linux environments (Debian & Ubuntu) and Windows power user

EDUCATION
Bachelor of Engineering (B. Eng)
Toronto Metropolitan University | September 2015 – April 2019

WORK EXPERIENCE
Arcadis IBI Group | Systems Engineer | July 2019 – Present
- Procured Software Specifications for development of Transportation Safety Systems
- Evaluated user interfaces and dashboards for ITS web applications
- Participation in human factors testing study to optimize legibility of text and UI components
- Analyzed and designed physical and logical fibre optic networks
- Hands on knowledge with Linux, networking, Cisco, Siemens, and Juniper infrastructure
- Optimized ITS Travel Time System with Power BI
- Handled day-to-day project management activities for ITS projects

PROJECTS
Ledger | ledgerr.vercel.app/demo
- Mobile responsive web application developed to manage personal finances with charts and analysis of user spending habits with Chart.js
- Built with Next.js, Typescript, and TailwindCSS
- No SQL database deployed in the cloud with MongoDB Atlas
- Multiple rendering paradigms with server-side and client-side rendering
- Robust authentication with Firebase alternative, Supabase

Landmarks | landmarkss.vercel.app
- Leveraged Google's Javascript Maps API for a world map of dynamic geospatial data
- Custom components extending Google's API for custom markers and tooltip elements
- Dynamic states for map layers and styles
- Built with Next.js, TailwindCSS, and Google Maps JS API
- Deployed on Vercel's platform with a cloud instance of MongoDB

10KChess | 10kchess.vercel.app
- Game-like application developed with Chess.js for dynamic chess puzzles
- Built with React, TailwindCSS, and React Router
- Connected to public Lichess API to query dynamic data