

IBAD RASHID

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[ibadrashid.vercel.app](#) · [github.com/siobe34](#) · [linkedin.com/in/ibadrashid](#)

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

TECHNICAL SKILLS

Languages

- Typescript
- Python
- HTML
- CSS
- Javascript
- SQL
- Dart

Frameworks

- React
- Next.js
- SvelteKit
- Node Express
- Flask
- React Native
- Flutter
- Supabase (Firebase alternative)

Databases

- MySQL
- MariaDB
- Postgres
- MongoDB

Other Technologies

- Git
- Docker
- Building REST API's
- Reverse proxy with NGINX and Traefik
- Deployed to Cloud and homelab environments
- Experienced working in Debian and Ubuntu
- Windows power user