

# IBAD RASHID

647-710-4620 | [rashid.ibad@gmail.com](mailto:rashid.ibad@gmail.com) | Ontario, Canada | <https://ibadrashid.vercel.app> | <https://www.linkedin.com/in/ibadrashid/> | <https://github.com/siobe34>

---

## TECHNICAL SKILLS

- NextJS, JavaScript/TypeScript, React, Python, Flask, Node Express, MongoDB, MySQL, mariaDB, Git, TailwindCSS, Styled Components, jQuery, HTML5, and CSS3
- Deployed with Docker/Portainer, NGINX, and Traefik to Cloud and homelab infrastructure
- Experienced in Linux environments (Debian & Ubuntu) and Windows power user
- Bilingual (English and Urdu)

## 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

- Mobile responsive web application developed to manage personal finances with charts and analysis of user spending habits with Chart.js
- Built with NextJS, 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

### Landmarks

- Leveraging 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 NextJS, TailwindCSS, and Google Maps JS API
- Deployed on Vercel's platform with a cloud instance of MongoDB

### 10KChess

- Front-end 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