Rakin Uddin

rakinu.com

rakinuddin97@gmail.com | +1 647 678 9569 | linkedin.com/in/rakinuddin

EXPERIENCE

THOMSON REUTERS | Software Engineering Intern
Jan 2018 – Aug 2018 | Toronto, CA

- Developed an internal BI ingestion and visualization platform for managers to track and measure 1000+ metric items from 10+ teams
- Created microservices in TypeScript and Node to extract 100+ metric items from GitLab and JIRA each day
- Developed analytics features in Java for a container security microservice analyzing 5000+ containers per day

ONTARIO MINISTRY OF EDUCATION | Software Developer Intern
May 2017 – Aug 2017 | Toronto, CA

- Took ownership of 2 data-driven applications, delivering new features using XML, JSON, HTML/CSS, AngularJS, C#, and SQL to be used by 150+ board users across Ontario
- Developed many asynchronous backend services in C# and LINQ which reduced application loading time by 300%
- Introduced a modular, scalable XLSX parsing library in C# enabling developers to integrate Excel file uploads into their applications

ONTARIO MINISTRY OF EDUCATION | Cloud Infrastructure Developer Intern
Sept 2016 – April 2017 | Toronto, CA

- Engineered and implemented secure, scalable, multi-tier cloud infrastructure using Microsoft Azure
- Developed automated scripts in Batch files and Windows PowerShell, one of which reduced operational costs by 52% in 4+ Proof-of-Concept systems
- Integrated Infrastructure as Code (IaC) processes by capturing state and configuration of PoC systems into JSON templates, enabling one-touch deployment of infrastructure

PROJECTS

QHUB Aug 2018 – Present

- Developed a system for professors to share and manage assignments and their rubrics for courses in Computer Science, Mathematics and Statistics
- Implemented multi-threaded backend API in Ruby with Firebase authentication and MySQL database
- Integrated a ReactJS interface with Redux

DOCSTORE Sept 2018 – Present

- A web app designed to be a highly accessible repository for students to access notes and lessons from my tutorials
- Made with ReactJS, GraphQL and Markdown using GatsbyJS

EDUCATION

UNIVERSITY OF TORONTO | BS in Computer Science
Spec. in Software Engineering | Expected Dec 2019 | Toronto, CA
Teaching Assistant: Databases, Principles of Programming Languages, Calculus

SKILLS

LANGUAGES
Java • Python • JavaScript • C • C# • Ruby • SQL • Haskell

FRAMEWORKS
Node • React • Redux • Angular • Rails