Rakin Uddin

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EDUCATION

UNIVERSITY OF TORONTO | Honours B.Sc. in Computer Science
Spec. in Software Engineering | Sept 2015 - Dec 2019 | Toronto, CA
Teaching Assistant: Introduction to Databases, Principles of Programming Languages, Calculus
Notable Courses: Network Security, Artificial Intelligence, Database System Technology

EXPERIENCE

JOATSPACE | Software Developer Intern
Dec 2018 – Present | Remote
- Designed and implemented an application for admins/volunteers to manage hundreds of service requests and user applications using React, Redux, Firebase and GCP

THOMSON REUTERS | Software Engineering Intern
Jan 2018 – Aug 2018 | Toronto, CA
- Developed an internal BI ingestion/visualization platform in Node, AWS and PostgreSQL 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%

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

TIL 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, Markdown and Docusaurus

QHUB Aug 2018 – Dec 2018
- Developed a system for professors to share and manage assignments and their rubrics for courses in Computer Science, Mathematics and Statistics
- Implemented backend in Ruby with authentication and MySQL database as well as the frontend in React

SKILLS

LANGUAGES/FRAMEWORKS
Java • Python • JavaScript • C • C# • Ruby • SQL • Haskell • Node • React • Redux • Ruby • Rails

OTHER
Docker • Kubernetes • AWS • Azure • GCP • CircleCI • Vagrant • Git • Maven