Rakin Uddin

uddin.io
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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: Databases, Principles of Programming Languages, Computer Organization, Network Security
Notable Courses: Artificial Intelligence, Database System Technology, Computer Networks

EXPERIENCE

HUBSPOT | Software Engineer | Infrastructure Security Team
Jan 2020 – Present | Austin, TX
- Designed and led migration of existing LDAP infrastructure onto Docker/Kubernetes, used to authenticate 1500+ requests/second
- Migrated legacy metric collection tooling in Vault/LDAP to Python, streamlining outgoing metrics pipeline for 40+ servers
- Developed tooling to assist 100+ teams to securely migrate owning permissions/secrets/assets during org changes

SHOPIFY | Infrastructure Software Engineer Intern | Infrastructure Security Team
May 2019 – Aug 2019 | Ottawa, CA
- Revamped security compliance scanners in Go, enabling testability and auditing 2000+ GCP projects 6x faster
- Integrated GitHub GraphQL-Go API into our open-source project, Voucher, to verify integrity of source code origins for 3000+ repositories in millions of builds each day
- Expanded capabilities for datastore plugins using Go in Grafeas, an open-source gRPC API that enables Binary Authorization for container images

WEAV | Software Engineer | Backend & Infrastructure Team
Feb 2019 – Aug 2019 | Toronto, CA
- Designed and implemented messaging service in GraphQL and WebSockets to enable real-time communication between 100+ of users
- Engineered robust enroute system in GraphQL, Node, and WebSockets to ensure users reach destination

THOMSON REUTERS | Software Engineering Intern | Container Services Team
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

PROJECTS

TIL teach.uddin.io
- 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

SKILLS

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

OTHER
Docker • Kubernetes • AWS • Hashicorp Vault • LDAP • GCP • CircleCI • Vagrant • Git • Terraform