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EDUCATION

- **RCC Institute of Information Technology** Kolkata, India
Affl. MAKAUT; B.Tech Information Technology; CGPA: 8.84/10 *Aug 2017 - July 2021*

PROGRAMMING SKILLS

- **DevOps Tools:** AWS, GCP, Kubernetes(EKS,GKE), Prometheus, Grafana, ELK Stack, ArgoCD, GitLab CI/CD
- **Languages:** Python, C++, Javascript, Typescript, SQL, NoSQL, HTML, CSS

EXPERIENCE

- **Trell** Bangalore
DevOps Engineer - Full time *January 2021 - Present*
 - Maintained **200+** microservices with **99%** uptime for a user-base of **95M+** with more than **550k hits/min**.
 - Designed and Scaled multi node ES cluster and Kibana on K8s for log/error monitoring to ingest more than **1TB** logs/day.
 - Played a major role in cross cloud migration of more than **200+ microservices** securely with 0 downtime.
 - Extensively worked on setting up Scalable Observability Stack for cloud resource monitoring and alerting.
 - Re-Architected the existing K8s Cluster by implementing **ArgoCD**, **Hashicorp Vault** and optimized the overall cluster usage by **50%**.
- **Octo** Remote
Backend and DevOps - Intern *Dec 2020 - Feb 2021*
 - Migrated their entire back-end system of **20+ services** from Python to NodeJS.
 - Moved their database to AWS (Configured private VPC, separated prod and development DBs) of **1.2TB** data
 - Used Elasticache (Redis) to implement caching layer between application and DB and reduced the overall latency by **50%**
 - Started containerizing and deploying application using Docker.
- **B.K.E-Intellisense Pvt. Ltd.** Remote
Web Developer - Intern *Jul 2020 - Dec 2020*
 - I did web designing, development and maintenance of several websites using HTML, CSS, JavaScript, WordPress, etc.
 - Performed regular maintenance of their cloud servers. Also deployed many new projects on the existing company servers
- **Bums On The Saddle Pvt. Ltd.** Remote
Web Developer - Intern *Sep 2019 - Sep 2019*
 - Successfully created a marketplace for their company. Where users from anywhere in India can post ads to sell goods related to cycling.

PROJECTS

- **Oauth2 Fake Server - NodeJS** To work with some APIs and Services developers often need a Oauth2.0 authorization system that can generate Access Tokens, Refresh Tokens and also a way to verify those.
There are several Oauth 2.0 providers that simplify the entire process of maintaining server, authentication, authorization and more in a secure way. But just for quick development/testing of small projects this systems can be very difficult to use and manage. So often false end points are created by developers to simulate the entire process.
This Oauth2 Fake Server helps you to do that by creating a simple and standalone Oauth2.0 Server that follows the Authorization Code Grant flow.