

PRATYAY RUDRA

Cloud/DevOps Engineer

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EXPERIENCE

SDE - Intern

Trell

Jan 2021 – Present Remote

- Created multi node ES cluster and Kibana on K8s for log/error monitoring.
- Setup Prometheus and Grafana Stack for hardware/resource monitoring and alerting.
- Helped in optimising ASG node group of K8s for optimal usage.
- Launch and maintain several other AWS services(EC2, EKS, IAM, RDS, etc.) as per requirements..

Backend and DevOps - Intern

Octo

Dec 2020 – Feb 2021 Remote

- Working with the team to migrate their entire back-end system from Python to NodeJS.
- Migrated their database to AWS (Configured private VPC, seperated prod and development DBs)
- Used Elasticache (Redis) to implement caching layer between application and DB.
- Started containerizing and deploying application using Docker.

Web Developer - Intern

B.K.E-Intellisense Pvt. Ltd.

Jul 2020 – Dec 2020 Remote

- 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.

Web Developer - Intern

Bums On The Saddle Pvt. Ltd.

Sep 2019 – Sep 2019 Remote

- Successfully created a marketplace for their company. Where users from anywhere in India can post ads to sell goods related to cycling.

Web Developer - Intern

Ace Lumbers Pvt. Ltd.

Apr 2019 – Jun 2019 Remote

- Successfully created an eCommerce website for their company using WordPress and WooCommerce.

SKILLS

NodeJS

MongoDB

Redis

JavaScript

HTML

CSS

Git

Docker

CI/CD - GitHub Actions

AWS - EC2, EKS, ELB, IAM, etc

Kubernetes

PROJECTS

Oauth2 Fake Server - NodeJS - 🔗

- Authorization Code Grant flow of Oauth 2.0
- Can generate access token and refresh_token
- Can issue access_token using the refresh_token
- Can validate User email and password to simulate authorization.
- Can validate access_token
- Can get userinfo using access_token
- Can revoke both access_token and refresh_token

Event Management API - NodeJS - 🔗

- This is an event management API with NodeJS, ExpressJS and MySQL.
- Events can be created, deleted, all events can be listed and upcoming events can be listed.
- A registered user only can attend an event.
- All the attendees of a particular event can be listed and all the attendees of all events can be listed.

Cloud Resource Management - JavaScript - 🔗

- Minimize the number of servers used.
- Maximize the resource utilization.
- Schedule the client requests into multilayer jobs categories - critical, moderate and normal.

EDUCATION

B.Tech Information Technology

RCC Institute of Information Technology

Aug 2017 – Present Kolkata