PRATYAY RUDRA

Full Stack Developer

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EXPERIENCE

Backend Engineer - Intern
Octo

📅 Dec 2020 – Present   📍 Remote

- Working with the team to migrate their entire back-end system from Python to NodeJS.
- Used Firebase to create notification pipelines.
- Added Redis cache for faster responses.
- Experience with performance analysis, optimizations and benchmark evaluations.

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.
- Collaborated with the team every day and successfully delivered every new project.
- 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 developed a marketplace for their company. Where users from anywhere in India can post ads to sell goods related to cycling.
- Migrated an old SQL database into the new system.
- I helped them to setup their entire system on Digital Ocean.

Web Developer - Intern
Ace Lumbers Pvt. Ltd.

📅 Apr 2019 – Jun 2019   📍 Remote

- Successfully developed an eCommerce website for their company using WordPress and WooCommerce.
- I helped them to move from GoDaddy to AWS Cloud to have complete control and have a highly scalable system.
- Collaborated with the team and assisted them to streamline their work process by introducing tools like Trello, etc.
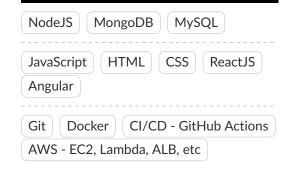
EDUCATION

B.Tech Information Technology
RCC Institute of Information Technology

📅 Aug 2017 – Present   📍 Kolkata

SKILLS

NodeJS   MongoDB   MySQL

JavaScript   HTML   CSS   ReactJS
Angular

Git   Docker   CI/CD - GitHub Actions
AWS - EC2, Lambda, ALB, etc

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.

Stone Paper Scissor Game - Web - ○

- This is the plain and simple stone paper scissor game.
- The user can play against the computer only.
- The scores are shown in realtime on the dashboard itself.
- The game can be reset by the user using the RESET button.