

# PRATYAY RUDRA

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## EXECUTIVE SUMMARY

A **software engineer** with experience in HTML, CSS, JavaScript, API designing and developing, NodeJS and database development. A self-motivated, hardworking developer who specializes in data structure, cloud technologies, and web applications. A 2021 Information Technology graduate of RCCIT (MAKAUT) interested in web applications and cloud technologies.

## PROFESSIONAL SKILLS AND INTERESTS

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| • Web Application/Full Stack Development     | • HTML, CSS, JavaScript, NodeJS, Python        |
| • API Designing, Development and Maintenance | • Database Development (SQL, NoSQL)            |
| • Cloud Architecture and System Deployment   | • Problem Solving in a Team and a Fast Learner |

## EDUCATION

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**Bachelor of Technology (Information Technology).** [RCC Institute of Information Technology](#) (Kolkata, India)

- Expected Graduation Summer of 2021

**High Secondary, CBSE (Science).** [Bharatiya Vidya Bhavan](#) (Kolkata, India)

- Percentage in Major (5 Subjects): 83.2/100, Overall Percentage: 79.6/100

## PROFESSIONAL SKILLS DEMONSTRATED

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### E-INTELLISENSE

July 2020 – December 2020

*A Web Development and Digital Marketing company based in Kolkata founded 10 years ago. They have a huge portfolio of clients from all over the world.*

#### **Web Developer** (Internship)

Worked collaboratively with clients and in-house agency teams to provide rapid, robust and client-acclaimed front- and back-end web development optimizing user experience, search engine ranking, sales, brand positioning and related metrics.

- **Web Development:** I did web designing, development and maintenance of several websites using HTML, CSS, JavaScript, WordPress, etc. Delivered many new websites as per the client's requirements.
- **Problem Solving in a Team:** Collaborated with the team every day and successfully delivered every new project.
- **Cloud Architecture and System Deployment:** Performed regular maintenance of their cloud servers. Also deployed many new projects on the existing company servers.

### BUMS ON THE SADDLE PVT. LTD.

September 2019 – September 2019

*A cycling company created by a group of cyclists based in Bangalore. Deals with bicycles and bicycle accessories.*

#### **Web Developer** (Internship)

Worked closely with the team to create a web application such as marketplace where users can post ads.

- **Web Application:** Successfully developed a marketplace for their company. Where users from anywhere in India can post ads to sell goods related to cycling.
- **Database Development:** Migrated an old SQL database into the new system.
- **Cloud Architecture and System Deployment:** I helped them to setup their entire system on Digital Ocean.

ACE LUMBERS PVT. LTD.

April 2019 – June 2019

*An ecommerce company based in Delhi. Mainly deals with raw timber and wooden products like chopping boards.*

**Web Developer** (Internship)

I created their eCommerce website, online presence and successfully deployed the system in cloud.

- **Web Application:** Successfully developed an eCommerce website for their company using WordPress and WooCommerce.
- **Cloud Architecture and System Deployment:** I helped them to move from GoDaddy to AWS Cloud to have complete control and have a highly scalable system.
- **Problem Solving in a Team:** Collaborated with the team and assisted them to streamline their work process by introducing tools like Trello, etc.

## RELEVANT PROJECTS

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**Cloud Resource Management - Lead Developer:** Worked collaboratively in a team of three to implement an algorithm into a working program (used NodeJS) with objectives of allocation cloud architecture resource in efficient and effective way so that the total cost of resources can be minimized. (July 2020)

**Oauth2 Fake Server – Open Source:** Using NodeJS and NoSQL Database I designed and developed this Oauth2 Fake Server API that helps users to create a simple and standalone Oauth2.0 Server that follows Authorization Code Grant flow. (May 2020)

**Stone Paper Scissor Game – Open Source:** Developed the game of stone paper scissor using HTML, CSS, JavaScript where the users can play against the computer. The scores are shown in real time on the dashboard. (April 2020)

**Video Based Dynamic Human Authentication System for Access Control - Lead Developer:** Worked collaboratively on a team of four in the Smart India Hackathon Internal 2020. Designed and developed a hardware-software solution that can identify every unique person using face recognition who enters or exit the gate, with log of all previous entry/exit time, photo/videos recorded. (January 2020)

## OTHER RELEVANT INFORMATION

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**Languages:** English (Full Professional Proficiency), Hindi (Elementary Proficiency), Bengali (Bilingual Proficiency)

**Additional Skills:** Docker, CI/CD (GitHub Actions), Git, GitHub, Linux, CLI Commands, Data Structure.

**Certification:** [Web Development Bootcamp](#)

**Extra:** [pratyayrudra.com](https://pratyayrudra.com) (Personal Portfolio/Blog)