

ADITYA RAJ

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Education

National Institute of Technology, Jamshedpur

Bachelor of Technology in Electronics and Communication Engineering (CGPA of 8.73)

August 2019 – June 2023

Jharkhand, India

DAV Public School, Jamshedpur

Class 12, CBSE (92.6% Marks scored)

2017 – 2019

Jharkhand, India

Carmel Junior College, Jamshedpur

Class 10, ICSE (95.8% Marks scored)

2004 – 2017

Jharkhand, India

Experience

Placemat

Full Stack Web Development Intern

May 2021 – October 2021

Remote Internship

- Worked in a team to develop a chatbot for new users interested in applying to the programs offered by Placemat. The chatbot makes the student familiar with all the features of the course in an interactive way.
- Coded websites using HTML, CSS, JavaScript and jQuery languages. Oversaw back-end development using NodeJS to maintain website integrity, security and efficiency.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Projects

DigiZone | *React, Redux, Node, Express and MongoDB* | <https://d1g1z0ne.herokuapp.com>

November 2021

- A custom E-Commerce platform with fully featured shopping cart along with PayPal and credit/debit card payments integration
- Implemented Product search feature, Top products carousel, Product reviews and ratings by customers
- Admin portal to manage customers, add, delete or modify products and orders.
- User profile with orders, Mark orders as delivered option and Product pagination

CryptoPedia | *React, Redux, RapidAPI, Chart.js* | <https://cryptoaverse-70847.web.app>

October 2021

- Created a Cryptocurrency Price Tracker Web application which shows the current price for all cryptocurrencies in the world. Price is shown in USD. All the relevant details are also displayed including price, volume, coin-percentage market capital.
- Built using React as Frontend framework, State Management using Redux Toolkit, UI Creation using Ant Design, charts creation using Chart.js, and fetching data from multiple sources using RapidAPI
- Fully responsive and functional on different-sized screens and viewports

Secrets Page | *MongoDB, OAuth, Express, Node* | <https://fathomless-savannah-88442.herokuapp.com>

October 2021

- Built for people to be themselves and share their secrets without any fear of judgement.
- 6 levels of authentication and security starting from manual username and password method wherein initially bcrypt was used to hash and salt passwords before storing them in the database. Later on, switched from bcrypt to PassportJS for authentication purposes and to provide users with more security of their passwords.
- Implemented OAuth for sign-ins and signups using google account itself rather than manually entering the username and password.

Achievements

- Pupil (Rating - 1238) at Codeforces, which is a top site in terms of participation of programmers across globe.
- 3 * coder on Codechef (Rating - 1630)
- Maximum rating of 1521 on Hackerearth
- Ranked under **250** at Codathon Inter-NIT-2021
- Solved more than 1000 questions on Data Structures and Algorithms across platforms.
- Accomplished Milestone and earned swags and goodies in Google Cloud Ready Facilitators Program.
- Written over **270** articles at Medium, most of them being on Data Structure and Algorithms, Puzzles and Quizzes

Technical Skills

Languages: C++, HTML/CSS, JavaScript, SQL

Developer Tools: NPM, jQuery, BootStrap, Sass, Git/Github,

Technologies/Frameworks: React.JS, MongoDB, Node, Express, EJS, WordPress

Leadership / Extracurricular

Drift Racing Team

July 2021 – Present

Web Team Lead

- Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.