

Tarun Aditya

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EDUCATION

Indian Institute of Technology (IIT) Patna

B.Tech in Mechanical Engineering

CPI - 8.1/10

2020-2024 (*Expected*)

FIIT-JEE College (A.P)

Board of Intermediate Education A.P, Vijayawada

Marks - 946/1000

class 12th

Aditya IIT School, Kakinada(A.P)

Board of Secondary Education Andhra Pradesh

CGPA - 10/10

class 10th

SKILLS AND INTERESTS

Languages: C, C++, Terraform, HTML/CSS, MySQL, JavaScript, python.

Coursework: AWS, Data structures, Algorithms.

Developer Tools: Git, GitHub, Visual Studio Code, MongoDB, Node.js, React.js, PyCharm.

Libraries: Kubernetes, Pandas, NumPy, Matplotlib

Areas of Interest: Competitive Programming, Web Development, DevOps, Cloud Computing

EXPERIENCE

Internship at Razorpay [Link](#)

May 2023 - July 2023

- Developed cost optimization strategies for the EKS cluster and NAT gateway for Banks, utilizing AWS and Kubernetes, within an accelerated timeframe of just **1 week**.
- Automated the deployment of Velero, a cluster backup solution, resulting in a significant reduction of **2-5** hours in region failover time.
- Automated the deployment of Fluent Bit in an EKS cluster to collect pod logs and node logs, and utilized Terraform to send them to OpenSearch, resulting in **10** percent improvement in log management and analysis.

PROJECTS

CHAT APPLICATION | [GitHub Link](#)

April 2022 - May 2022

- Built an online chat application.
- Created this project using **React, Node-Js and Socket.IO** with **MongoDB**, accomplished in **2 weeks**.
- Functionalities like **Login, signup** etc.

PORTFOLIO | [Github Link](#)

January 2022

- Built a NewsletterSignUp application.
- Implemented the application using Node-Js, Express.
- Clients can get their Newsletter to their mail by filling their details.

NEWS LETTER SIGN UP | [Github Link](#)

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ACHIEVEMENTS

Razorpay HackO(n)

- * Secured top 5 in **Razorpay HackO(N)**
- * Successfully spearheaded the development and implementation of a highly efficient and user-friendly centralized platform utilizing **AWS Kendra**, revolutionizing document search capabilities.

Competitive Programming | [Codeforces](#), [Codechef](#) and [Atcoder](#)

- * Secured the highest rating of 1245 and ranked as **PUPIL** on the [Codeforces](#) platform.
- * Obtained the highest rating of 1698 and rated **3-STAR** on the [Codechef Platform](#).
- * Solved 750+ problems related to data structures and algorithms on various coding platforms.