

AADITYA RAJ

Muzaffarpur, Bihar

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EDUCATION

VIT Bhopal University, Madhya Pradesh

2022 – 2026

B.Tech - Computer Science and Engineering (Cloud Computing) - **CGPA - 8.74**

Bhopal, Madhya Pradesh

Trident Public School, Muzaffarpur, Bihar

2019 – 2021

Central Board of Secondary Education(XII) - **Percentage - 85.6**

Muzaffarpur, Bihar

Anand Prep Public School, Muzaffarpur, Bihar

2017 – 2019

Central Board of Secondary Education(X) - **Percentage - 90.8**

Muzaffarpur, Bihar

PROJECTS

AI-Powered Email Reply Application — Java, Spring Boot, React, Spring AI, Material UI

2025

- Developed an AI-powered email reply system that reduced average response time by **80%** and improved email handling efficiency by **2.5x**.
- Implemented real-time text generation with customizable tones, achieving **95%** accuracy in sentiment alignment during testing.
- Built a responsive UI (React + Material UI) supporting **3** different business contexts and processed over **1,000** sample emails.
- Deployed full-stack solution with **200ms** API response time using Railway (backend) and Netlify (frontend).

Student Management System — Java, Spring Boot, Hibernate, MySQL, Thymeleaf, Bootstrap 4

2025

- Built a full-stack student management web app enabling **100%** CRUD functionality via both UI and REST APIs, tested with **500+** student records.
- Implemented scalable MVC architecture, boosting maintainability and cutting API response time by **30%**.
- Automated schema generation in MySQL with Hibernate, reducing manual DB setup effort by **90%**.
- Packaged via Maven JAR and added Spring Boot Actuator, reducing monitoring effort by **40%**.

COURSEWORK

- | | | | |
|---------------------|---------------------|-------------------|--------|
| • DSA | • OOPs | • Cloud Computing | • AWS |
| • Operating Systems | • Computer Networks | • Web Development | • DBMS |

TECHNICAL SKILLS

- Languages:** C++, Java, Python, SQL
- Technologies/Frameworks:** SpringBoot, Hibernate, React, REST API, JUnit, Spring Data JPA
- Databases:** MySQL, MongoDB, RDS, DynamoDB
- Cloud Technologies:** AWS(EC2, S3, IAM, RDS, EKS, ECS, Route 53), Docker, Terraform
- Developer Tools:** Maven, Git, GitHub

ACHIEVEMENTS

- Achieved a peak rating of **1796** on LeetCode, placing in the top **10%** globally.
- Earned 3-star Coder status on GeeksforGeeks with a maximum rating of **1632**.
- Solved **500+** DSA Problems across all Coding Platforms.
- Successfully Completed **100** Days of Code **twice**.
- Recognized as the top coder on the **Neo PAT Portal** across all four campuses of VIT.

CERTIFICATIONS

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| • MongoDB Certified Associate Developer (Java) | • MongoDB Certified Associate Database Administrator |
| • GitHub Foundations | • Postman API Fundamentals Student Expert |
| • HTML, CSS, and Javascript for Web Developers | • Oracle Cloud Infrastructure Foundations Associate |
| • AWS Academy Cloud Foundations | • AWS Academy Cloud Architecting |
| • Microsoft Azure Fundamentals(AZ-900) | • Microsoft Azure Data Fundamentals(DP-900) |