

ADITYA KALE

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Education

National Institute of Technology, Raipur

B.Tech in Electrical Engineering — CGPA: 7.8/10

2023 – 2027

Raipur, Chhattisgarh

Thakur College of Science & Commerce

HSC — 87%

2021 – 2023

Mumbai, Maharashtra

St. Joseph's School

SSC — 83%

2011 – 2021

Mumbai, Maharashtra

Relevant Coursework

- | | | | |
|-----------------------|--------------|----------------|----------|
| • Data Structures | • C++ | • HTML/CSS | • GenAI |
| • Algorithms Analysis | • Python | • ReactJS | • DevOps |
| • Operating System | • JavaScript | • Tailwind CSS | • DBMS |

Projects

StudyNotion – Online Learning Platform

NodeJs, ExpressJs, Tailwind CSS, MongoDB, Cloundinary, Render

- Built a role-based learning platform with student, instructor, and admin modules, enabling smooth course management and consumption for 100+ test users.
- Built secure REST APIs supporting authentication (JWT, OTP), payments (Razorpay), and media storage (Cloundinary), enhancing reliability and user security.
- 🌐 GitHub — Live Demo

PasteVault – Notes & Code Snippet Manager

ReactJS, Tailwind CSS, LocalStorage

- Engineered a note/code management app used by 50+ active users, enabling creation, update, and retrieval of over 500 snippets with persistent LocalStorage.
- Optimized UI with Tailwind CSS, achieving 100% mobile responsiveness and reducing load time by 35%.
- 🌐 GitHub — Live Demo

LeetMetric – LeetCode Profile Fetcher

HTML, CSS, JavaScript, LeetCode API

- Built a real-time LeetCode analytics tool with 90% accuracy in fetching problem stats, helping 30+ peers track performance.
- Leveraged DOM manipulation and CSS Flexbox for dynamic rendering, improving data refresh speed by 40%.
- 🌐 GitHub — Live Demo

Technical Skills

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

Frameworks/Technologies: ReactJS, MongoDB, Tailwind CSS, Bootstrap, WordPress

Tools: VS Code, Eclipse, Git/GitHub, Jenkins, Android Studio, Jupyter Notebook

Platforms: Linux, Google Cloud Platform

Position of Responsibility

Samar – Sports Committee, NIT Raipur

2025

Core Coordinator

Raipur, Chhattisgarh

- Directed a 6-member team to plan and execute intercollegiate tournaments with 300+ participants, improving event efficiency by 20%.

Achievements & Certifications

- Solved **400+** problems across LeetCode, Codeforces, CodeChef, and GeeksforGeeks.
- Rated **3 star** on CodeChef and **Apprentice** on Codeforces.
- Completed **Python 101 for Data Science** – IBM Cognitive Class [Certificate]
- Completed **SQL and Relational Databases 101** – IBM Cognitive Class [Certificate]
- Participated in **CodeRush Week 6** – Devantra x Codeunia coding initiative.