

Aditya Kumar Tiwari

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Experience

The Sparks Foundation

January 2024 – February 2024

Frontend Developer Intern

- Built and deployed a responsive NGO landing page, improving load speed by 25% and boosting engagement in demos.
- Integrated payment gateway using Razorpay API for secure donations, reducing failed transactions by 15%.

Education

VIT Bhopal University

8.15/10

Bachelor of Technology in Computer Science and Engineering

October 2022 – Present

ST. Thomas School

85.0%

Intermediate

March 2020 – May 2021

ST. Thomas School

85.5%

High School

March 2018 – May 2019

Technical Skills

Programming Languages: Java, Python, C++, JavaScript, HTML, CSS, SQL.

Technologies and Frameworks: React, Node.js, MongoDB, Tailwind, REST API, Express.js, Next.js.

Tools & Platforms: Git/GitHub, AWS, Gemini LLM.

Soft Skills: Problem-solving, teamwork, communication, adaptability, and time management.

Projects

SageFi | Financial Dashboard SaaS

May 2025 – Present

- Built a dashboard to track transactions, spending, and subscriptions, tested with 10+ users for detailed feedback.
- Automated CSV imports and bulk operations, reducing manual entry time by 30% while ensuring accuracy.
- Optimized queries and caching, cutting load time from 2.5s to 1.7s and improving system responsiveness.

Arogyam | Health Monitoring Platform

March 2025 – April 2025

- Created a health monitoring app for tracking symptoms, medications, and wellness, tested with 5 active users.
- Integrated subscription payments with Stripe, boosting checkout success rate by 20% and enabling smooth upgrades.
- Redesigned backend APIs and optimized queries, reducing response time by 25% for reliable access.

birdAI | AI Content Generation Platform

September 2023 – October 2023

- Developed an AI tool for generating images, videos, text, and code, tested across 50+ diverse outputs.
- Enhanced quality with Gemini and OpenAI APIs, improving content variety by 20% across multiple formats.
- Implemented access control and encryption, achieving secure test runs with full multi-user support.

Achievements

Unstop: Secured top 3 positions in six national-level quizzes.

Problem Solving: Solved 400+ LeetCode problems (Rating: 1509) and 200+ Codeforces problems (Rating: 1337, Pupil).

Certifications

IBM: Blockchain Developer

May 2025

ETHNUS: MERN Full-Stack Certification Program

April 2025

Stanford University: Algorithms Course Certification

July 2023

Extracurricular

Hacktoberfest: Contributed to 5+ open-source repositories, submitting 10+ pull requests using GitHub best practices.

SWOC: Contributed to Winter of Code 2024 and other OSS programs, merging 8+ code contributions.

Interests & Hobbies

Avid reader, sports enthusiast, and website developer.