

Aditya Kumar Tiwari

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EDUCATION

VIT Bhopal University	8.02/10
<i>Bachelor of Technology in Computer Science and Engineering</i>	<i>October 2022 – Present</i>
ST. Thomas School	85.0%
<i>Intermediate</i>	<i>March 2020 – May 2021</i>
ST. Thomas School	85.5%
<i>High School</i>	<i>March 2018 – May 2019</i>

SUMMARY

Computer Science student with a solid foundation in data structures and algorithms. Experienced in building scalable, full-stack applications with modern frameworks (Next.js, Node.js) and integrating AI/ML solutions (Gemini, OpenAI). Driven by a passion for clean architecture, performance optimization and solving real-world engineering problems

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, JavaScript, HTML, CSS, SQL
Technologies and Framework: React, Node.js, MongoDB, Tailwind, RestAPI, Express.js, Next.js
Tools & Platforms: Git/GitHub, AWS, Gemini LLM

PROJECTS

- SageFi** | *React, Next.js, Tailwind, PostgreSQL* May 2025 – Present
- Built financial dashboard SaaS with dynamic visualizations, transaction management, and real-time filters powered by Tanstack React Query.
 - Integrated Plaid/Clerk/Lemon Squeezy for banking, auth, and subscriptions respectively and CSV imports/bulk operations features.
 - Deployed secure backend (Hono.js/Drizzle/PostgreSQL) on Vercel with custom UI components.
- Arogyam** | *Next.js, React, Tailwind, MongoDB, Clerk, Google Gemini AI, Stripe* March 2025 – April 2025
- Engineered a holistic health monitoring platform, enabling users to track symptoms/medications, analyze mental wellness, and visualize health trends through responsive dashboards.
 - Implemented secure infrastructure, MongoDB/Prisma ORM, and Stripe payments.
 - Deployed on Vercel with responsive dashboards and health trend visualizations.
- birdAI** | *Tailwind, React, Next.js, Prisma, Clerk, OpenAI, Replicate, Shadcn UI* September 2023 – October 2023
- Engineered birdAI, an AI-powered SaaS platform, to generate diverse content including images, code, videos, and text.
 - Integrated Gemini APIs to enhance and expand the platform's content generation capabilities.
 - Enforced stringent data security and user privacy protocols by implementing robust encryption and access control measures.

CERTIFICATIONS

IBM : Blockchain Developer	May 2025
ETHNUS : MERN Full-Stack Certification Program	April 2025
Stanford University : Algorithm Course Certification	July 2023

EXTRACURRICULAR

Hacktoberfest: Enhanced open-source skills by contributing using GitHub best practices(forking, pull requests)

SWOC: Contributed to Winter of Code 2024 and other OSS programs.

Major Hacking League: Built team projects at MLH Global Hack Week and university hackathons.

Competitive Programming: LeetCode (Rating: 1509), Codeforces (Rating: 1143)

INTERESTS & HOBBIES

Avid reader, sports enthusiast, website development.