Aditya Kumar Tiwari

+91 7784810682 | adityakumartiwari3107@gmail.com | linkedin.com/in/ironspec07 | github.com/ironspec07

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*

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*   Setempber 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
Standford 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.