

Ayush Tiwari

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SUMMARY

Inquisitive problem-solver with a lifelong passion for deconstructing and rebuilding toys, games, and gadgets. Leverages a history of successes and failures to approach development challenges with resilience, learning, and a commitment to continuous improvement.

EXPERIENCE

Web/App Dev Lead

CINTEL's Next-Gen AI

Aug 2023 - Present

- Reactjs, Nextjs, Tailwindcss, MongoDB, Framer, FullStack, Sheryjs.

AI/ML Associate

CINTEL's Next-Gen AI

September 2022 - August 2023

- Skills: Machine Learning (Basics)

PROJECTS

App Development (women safety)

Independent Developer • August 2023 - August 2023

- Developed a user-friendly women's safety app with a simple interface for quick activation and deactivation. (java)
- Implemented a feature to send customized messages, along with precise location coordinates, by shaking the device (java).
- Utilized high-sensitivity sensors to detect emergencies, including instances of running. (java)

Web Development

Independent Developer, SRMIST • September 2022 - August 2023

- Created an e-commerce website for hostel students, promoting camaraderie and hassle-free shopping on all devices. (Go)
- Developed two modern and full-stack websites for the AI organization's flagship event registrations. (Go) (React)(aws)
- Created a website utilizing shery.js, mouse follower, and hover-triggered image display on the cursor, among other modern techniques. (React)

Microservices

Independent Developer • November 2023

- Engineered an advanced AI chatbot using the ChatGPT 4 API within a Next.js framework, ensuring a smooth and engaging conversational interface. (Nextjs)
- Developed a dynamic e-commerce tracking application using Next.js, implementing web scraping to monitor Amazon prices. Incorporated personalized notifications via email for registered users, alerting them of product availability and lowest prices. (Next.js, brightData, nodeMailer)
- Email verifier tool that checks Domain, MX, Dmarc records and spf. (Go)
- Developed a Go project running ChatGPT in the terminal using the GPT-3.5 API. (GO)
- Implemented cutting-edge conversation management and error-handling techniques, optimizing performance and responsiveness for a seamless user experience. (MongoDB Atlas)
- Optimized website performance, resulting in fast load times and seamless navigation.

Machine Learning

Independent Developer • October 2022 - January 2023

- Developed a machine learning model to predict weather conditions using Python, NumPy, Pandas, and Scikit-learn libraries. (python)
- Implemented a number plate recognition system during a hackathon using OpenCV. (python)
- Collaborated with team to apply various algorithms for better accuracy of the model. (python)

EDUCATION

Btech, Computer Science

SRM University • 2026

LUCKNOW PUBLIC SCHOOL • June 2022

SKILLS

Industry Knowledge: Machine Learning, Web Development, App development, UI/UX.

Tools & Technologies: Linux, SQL, ReactJS, TailwindCss, VanillaCss, NextJS, NodeJS, Spline, GoLang, Android Studio, Xcode. Interpersonal

Skills: Analytical Skills, Communication, Strategy

Languages: Python, C, C++, Java, JavaScript, Typescript, Kotlin, Css3, HTML5, swiftUI, Jsx.