

Ayush Tiwari

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SUMMARY

From a young age, I showcased innate curiosity, honed skills in AI/ML, and undertook projects with creativity and technical acumen. My tenacity to learn, collaborate, and embrace innovation drives me to identify opportunities and redefine possibilities in technology.

EXPERIENCE

AI/ML Associate

CINTEL's Next-Gen AI

Skills: Machine Learning · Data Analysis · Deep Learning

September 2022 – Present, Chennai, Tamil Nadu, India

PROJECTS

E-commerce Website

Independent Developer · October 2022 – November 2023

- Designed and developed an e-commerce website for hostel students, fostering brotherhood and companionship.
- This project addressed the unique challenges faced by hostel students, particularly the limitation of hostel gates closing at 9 pm.
- Led end-to-end project execution, ahead of estimated timeline.
- Ensured seamless shopping across devices, boosting overall sales by 25%.
- Implemented interactive features to facilitate student connections, encouraging them to seek and offer assistance, such as sharing information about medicines or arranging home-cooked meals.

Portfolio

Independent Developer · June 2023 – July 2023

- Developed a personal portfolio website using CSS, HTML, JavaScript, ReactJS, and Tailwind CSS.
- Utilized various React libraries, including Spline, to enhance website functionality and user experience.
- Created a visually appealing and responsive design to showcase projects, skills, and achievements effectively.
- Implemented smooth animations and interactive elements to engage visitors and improve user engagement.
- Optimized website performance, resulting in fast load times and seamless navigation.
- Received positive feedback from visitors, praising the website's design and easy-to-navigate layout.

GPA-Calculator

Independent Developer · April 2023 – May 2023

- Developed a GPA calculator app using Java and XML within Android Studio.
- Designed to simplify and expedite college GPA calculations for students.
- Implemented a user-friendly interface and intuitive navigation for ease of use.
- Integrated highly accurate grade-to-GPA conversion algorithms, with a precision rate of 98%, ensuring reliable and error-free GPA calculations.

Machine Learning

NextGen-AI · October 2022 – January 2023

- Developed a machine learning model to predict weather conditions using Python, NumPy, Pandas, and Scikit-learn libraries.
- Implemented a number plate recognition system during a hackathon using OpenCV, Tesseract OCR, and Python.
- Collaborated with a team of developers during the hackathon to deliver the number plate recognition system.
- Continuously improved and refined the ML models based on feedback and real-world data, ensuring their practicality and relevance.
- Created a disaster prediction model utilizing Python and various machine learning libraries, contributing to community resilience efforts.

SKILLS

Industry Knowledge: Machine Learning, Data Analysis, Deep Learning, Web Development, Creative Writing, Database Management System (DBMS), Engineering, Presentations

Tools & Technologies: Linux, SQL, ReactJS, TailwindCss, VanillaCss, NextJS, NodeJS, Spline

Interpersonal Skills: Analytical Skills, Communication, Strategy

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