

Ashutosh Tiwari

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SUMMARY

Mern stack and Python developer with expertise in back-end and front-end development, skilled at creating high-quality dynamic applications.

Education

- **Bachelor's degree in computer science:** Noida Institute of Engineering and Technology, Greater Noida | 2020 – 2024 (CGPA: 7.33)
- **Intermediate:** Woodbine Gardenia School, Kanpur | 2019 – 2020 (Percentage: 74%)
- **High School:** Woodbine Gardenia School, Kanpur | 2017 – 2018 (Percentage: 85%)

TECHNICAL SKILLS

- **Programming Languages:** Python, Java
- **Web Development:** HTML5, CSS3, JavaScript, TypeScript, Express.js, React.js, Node.js, Nest.js, EJS, Redux, TailwindCSS, GSAP, Restful API
- **Database Management:** MySQL, MongoDB
- **Libraries & Framework:** OpenCV, MediaPipe, Py-Tesseract, PyPDF2, NumPy, Pandas
- **Version Control:** Git

EXPERIENCE

- **Software Developer Intern:** DigiVista Infotech | March 2024 - August 2024
 - Developed robust APIs in Express.js, and Node.js, enabling seamless data retrieval from a MongoDB database, leading to 25% reduction in front-end loading time and improved user experience.
 - Engineered an efficient backend infrastructure using Nest.js that seamlessly connected diverse third-party API to access live flight data, enhancing overall functionality by reducing latency during user transactions on the platform.
 - Build data extraction tool utilizing Python, Py-Tesseract, and Image Processing to extract data from PDF and convert it into excel file, leading to reducing manual entry time by 60% across multiple projects.

PROJECTS

- **Flight Booking System**
 - Designed and executed an advanced backend system for a comprehensive flight booking platform facilitated seamless external API integration that improved data synchronization speed by reducing response time to under 200 milliseconds.
 - Developed a robust user authentication system leveraging JWT, enhanced login security.
 - Implemented advanced database architecture for reliable user and flight data management reduced data retrieval time by 40% and enhanced overall systems stability.
 - **Tech Stack:** HTML, TailwindCSS, TypeScript, Nest.js, React.js, MongoDB
- **Ochi Website** [Link](#)
 - A pixel-perfect clone of the Ochi Design website. This project was a challenge to replicate the sleek, modern design and the unique user experience of the original site.
 - Replicated the interactive features of the original site, ensuring that users experience the same engaging interactions.
 - Enjoy the same smooth scrolling experience, complete with subtle yet impactful animations. Deployed on Vercel, ensuring fast and reliable hosting with continuous deployment capabilities.
 - **Tech Stack:** HTML, TailwindCSS, JavaScript, React.js, Locomotive scrolls, Framer-Motion
- **Sidcup Family Golf Website** [Link](#)
 - This project is a faithful clone of the Sidcup Family Golf website, built using HTML, CSS, and GSAP (GreenSock Animation Platform).
 - The aim of this project was to replicate the original site's design and user experience, focusing on smooth animations, responsive layout, and interactive elements. The project is deployed on Netlify, ensuring fast and reliable hosting with continuous deployment capabilities.
 - **Tech Stack:** HTML, CSS, JavaScript, GSAP (GreenSock Animation Platform)
- **Real-time flight status** [Link](#)
 - Real-time flight status tracking system. It fetches flight data from a MongoDB database and sends notifications via email and SMS whenever there are changes in the flight data using nodemailer and Twilio.
 - Allows users to search for flight details based on flight code and real-time updates to keep users informed about flight statuses.
 - **Tech Stack:** HTML, TailwindCSS, Express.js, React.js, Node.js, MongoDB
- **Code Editor** [Link](#)
 - This project is a simple code editor built with React, using PrismJS for syntax highlighting.
 - The editor is implemented using a basic HTML element, with real-time syntax highlighting applied to the code as the user types.
 - **Tech Stack:** HTML, React.Js, Prism.Js
- **Edusity** [Link](#)
 - Developed a fully responsive clone of the Edusity website using React, HTML, and CSS.
 - Integrated Web3Forms for form submissions and deployed the project on Vercel for fast, reliable hosting.
 - Optimized for performance with modern UI and seamless cross-device compatibility.
 - **Tech Stack:** HTML, CSS, React