

Aditya Pratap Singh

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EDUCATION

IMS ENGINEERING COLLEGE

Ghaziabad, India (2022-2026)

- B. Tech: Computer Science and Design, CGPA: 7.91

GYANDEEP ACADEMY (CBSE)

Varanasi, India

- Intermediate: 79 %

2020-2021

St. John's School (CISCE)

Varanasi, India

- Matric: 84 %

2018-2019

WORK EXPERIENCE

Web Developer Intern, CodSoft

November, 2023

- Designed and developed 10+ fully functional, responsive websites meticulously tailored to meet diverse user requirements, thoroughly optimized for seamless performance across a wide range of devices, and achieving a 30% improvement in load times.
- Skilfully leveraged advanced HTML, CSS, and JavaScript technologies to deliver highly interactive, visually appealing, and engaging user experiences, increasing user retention rates by 20%.

PROJECTS

Heart Disease Prediction

Python, Streamlit

- Developed an interactive and user-friendly Streamlit application enabling users to input medical data, interact with the AI model, and view real-time heart disease predictions, with over 95% user satisfaction reported.
- Efficiently trained a dataset of 1,000+ medical records using **Keras** and implemented Artificial Neural Networks (ANN), achieving a heart disease prediction accuracy of 92%.
- Meticulously pre-processed the dataset using **Standard Scaler**, resulting in a 15% improvement in model performance, enhanced stability, and boosted overall prediction accuracy.

Business Website Development

HTML, CSS, JS

- Engineered a fully responsive website using HTML, CSS, and Bootstrap, optimized for seamless performance across all devices, ensuring smooth navigation.
- Configured the form to automatically send submissions directly to the company's email, ensuring prompt responses and improving customer service efficiency by 25%.
- Integrated third-party libraries and tools to enhance website functionality, maintaining a 100% uptime across multiple platforms, improving accessibility and reliability by 20%.

Email Template Builder

Node.js, React.js

- Developed a responsive web application enabling users to create and manage email templates with dynamic content, achieving a 30% faster template creation process using React.js and Node.js with **Supabase** integration.
- Implemented advanced features like user authentication with **JWT**, a rich text editor, and REST API integration, ensuring secure data handling and seamless template management for over 100 users.
- Optimized for scalability and cross-platform usability, leveraging modern web technologies (**React Router**, **Axios**) and responsive design principles, resulting in a 40% improvement in user satisfaction.

TECHNICAL SKILLS

- Programming Languages: Python, Java, HTML, Tailwind CSS, JavaScript,
- Database: MySQL, Supabase
- Framework: Flask, Node.js, React.js

CERTIFICATIONS

- Foundations of Google Cloud Computing from IIT Kharagpur via NPTEL.
- Data Analytics using Python by Skillrisers Infotech Pvt. Ltd.
- Foundations of Cyber Security by Google.