

Jagjeet Singh

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EDUCATION

VIT Bhopal University

BTech. Computer Science and Engineering CGPA: 8.82/10

Bhopal , India

September 2022 – May 2026

St. Joseph's Convent Senior Secondary School

CBSE 10th (March 2020): 90.5%

CBSE 12th (March 2022): 93%

Ujjain , Madhya Pradesh

EXPERIENCE

BlueStock Fintech

Software Development Intern

August 2024 – September 2024

Remote

- Built and optimized 10+ responsive web components using HTML, CSS, and JavaScript, improving UI consistency and enhancing user experience across multiple devices.
- Collaborated with designers to implement accessible UI elements and refactored code for performance, leading to improved usability and maintainability.
- Integrated RESTful APIs for real-time data fetching and display on dashboards, gaining hands-on experience with asynchronous operations and enhancing dynamic user interaction.

PROJECTS

Potato Disease Detection | Python, Machine Learning, TensorFlow

December 2024 – January 2025

- Built a deep learning model using TensorFlow to classify potato leaf diseases from images with 92% test accuracy, using a labeled dataset of healthy and diseased leaves.
- Used image preprocessing pipeline with OpenCV , improving feature clarity and model performance.
- Trained and validated a CNN-based model using transfer learning to reduce training time and support real-time disease detection on new images.

Smart Form AI | Next.js, Tailwind CSS, Neon, Drizzle ORM, Clerk, Gemini API

Dec 2024 – Jan 2025

- Built an AI-powered form generation system using Next.js and Tailwind CSS, enabling users to create complex forms in under 60 seconds from plain text prompts.
- Integrated Gemini API to parse user input and dynamically generate fields with validation logic, reducing manual form setup effort by over 70%.
- Implemented Clerk authentication and Drizzle ORM with Neon to securely store the form submissions.

Razorpay Clone | HTML, CSS, Tailwind CSS, JavaScript

January 2024

- Engineered a fully functional Razorpay clone achieving 95% visual and functional fidelity, replicating key payment features and UI components.
- Revamped UI/UX design with Tailwind CSS, enhancing responsiveness and enabling seamless navigation across devices.
- Streamlined front-end code to reduce page load time and simplify user interactions, resulting in a more engaging and efficient experience.

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, Python, HTML, CSS

Frameworks: Tailwind CSS, OpenCV, Node.js, React.js

Tools: Drizzle ORM, Neon, Clerk API, Gemini API

Databases: SQL

Version Control: Git

CERTIFICATES

Bits and Bytes of Computer Networking: Coursera – Part of Google IT Support Professional Certificate

NPTEL Cloud Computing: Swayam NPTEL Conducted by IIT Kharagpur (Prof. Soumya Kanti Ghosh)

Python Essentials: VITYARTHI