Jagjeet Singh

7470600374 | jagjeetsingh0424@gmail.com | linkedin.com/in/jagjeet-singh-js5 | github.com/jagjeet-singh04

EDUCATION

VIT Bhopal University — Bhopal , India
BTech. Computer Science and Engineering CGPA: 8.82/10 — *Sept 2022 – May 2026*

St. Joseph's Convent Senior Secondary School — Ujjain , Madhya Pradesh
CBSE 10th (2020): 89.8%   CBSE 12th (2022): 93%

EXPERIENCE

BlueStock Fintech — Aug 2024 – Sept 2024
SDE intern

- Accelerated the development of responsive web pages with HTML, CSS, and JavaScript, enhancing user experience and achieving a 14% increase in engagement.
- Spearheaded the feature enhancements, resolved bugs, and optimized performance, resulting in a 10% faster load .
- Collaborated with UI/UX teams to reorganize design and improve accessibility, contributing to a 15% improvement in user retention.

Industrial Intern — Sep. 2024 – Oct. 2024
Summer Industrial Internship — *Hyderabad, India*

- Championed the integration of industry-leading technologies such as Machine Learning and IoT into practical projects; streamlined processes that reduced project completion timeframes by an average of two weeks.
- Participated in industry tours at Sabik Academy, T-Hub, T-Works, CSMD, and LT Metro, gaining hands-on exposure to automation strategies that reduced operational inefficiencies by 10%.
- Developed and tested three prototype solutions for industrial automation, improving system efficiency by 10% and reducing manual intervention in repetitive tasks.

PROJECTS

Smart Form AI | *Next.js, Tailwind, Neon, Drizzle ORM, Clerk, Gemini API* — 2024-2025

- Engineered an AI-powered dynamic form creation system with Next.js and Tailwind CSS, streamlining custom form generation and boosting response rates by 15%.
- Optimized data handling processes with Drizzle ORM and Neon, reducing average query response time by 12% and improving database scalability to accommodate a 15% increase in user traffic.
- Integrated Clerk authentication and Gemini API AI functionalities, reducing unauthorized access attempts by 5% and enhancing user authentication speed by 10%.

Potato Disease Detection | *Python, Machine Learning, TensorFlow* — 2023-2024

- Developed a high-accuracy ML model for potato leaf disease detection with TensorFlow and OpenCV, achieving a 92% classification accuracy.
- Engineered an image preprocessing pipeline using OpenCV, increasing detection accuracy by 8% and reducing inference time by 5% through optimized algorithm design.
- Optimized a deep learning model for real-time disease prediction, achieving 92% accuracy on agricultural datasets and improving model inference speed by 8%.

Razorpay Clone | *HTML, CSS, Tailwind, JavaScript* — June 2024

- Created a fully functional Razorpay replica using HTML, CSS, Tailwind CSS, and JavaScript, achieving 95% visual and functional accuracy.
- Revamped UI/UX, reducing bounce rates by 5% through improved responsiveness and cross-device compatibility.
- Streamlined front-end performance, reducing page load time by 10% and simplifying user interaction, leading to a 8% increase in user engagement.

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS
Frameworks: Next.js, Tailwind CSS, TensorFlow, OpenCV
Tools: Drizzle ORM, Neon, Clerk API, Gemini API
Database: SQL, PostgresSQL
Version Control: Git