

# Jaspal Singh

Experienced in developing intelligent, data-driven applications with a strong focus on Artificial Intelligence, Machine Learning, and Quantum Computing. Proficient in full-stack web development using React.js, Node.js, and MongoDB, with hands-on expertise in Python, TensorFlow, Qiskit, and RESTful API integration.

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## WORK EXPERIENCE

### OctaNet Services Pvt Ltd

Web developer Intern

Jan 2025 - Feb 2025

- Gained hands-on experience in building and managing web projects.
- Developed strong skills in web development, project collaboration, and problem-solving.
- Demonstrated strong problem-solving and professional work ethic.
- Collaborated on tasks with dedication and a willingness to learn.

## EDUCATION

### NIMS University, Jaipur, Rajasthan

Bachelor of Technology in Computer Science and Engineering - 8.43 SGPA(6th sem.)

2021 - 2025

### Swami Keshwanand Shikshan Sansthan Senior Secondary School

12th class RBSE Board - 92.60

2020 - 2021

## PROJECT

### EternaPlan | AI-Powered Event Planner

Feb2025 - May2025

- Built a smart event planning Webapp using MERN and Gemini AI.
- Designed a modern, animated UI with React, Styled-components, and Framer Motion.
- Developed secure APIs with JWT, Express, and MongoDB integration.
- Added chatbot assistant and feedback system for personalized planning.

### 3D-Visualvista|3D- MERN Stack E-Commerce Platform

Oct 2024 - Jan 2025

- Developed a 3D eCommerce site using MERN stack and Three.js.
- Enabled interactive 3D product views with zoom and rotation.
- Built user auth, cart, and admin product features.
- Designed responsive UI with React and React Router

## SKILLS

- **AI / Machine Learning & Quantum Computing:** NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, Scikit-Learn, PyTorch, Quantum Machine Learning (QML), Qiskit, PennyLane, Gemini API, Natural Language Processing (NLP)
- **Programming Languages:** Python, JavaScript, C++
- **Frontend Development:** React.js, Three.js, Tailwind CSS, HTML, CSS
- **Backend Development:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, MySQL, Mongoose
- **DevOps & Tools:** Git, Docker, AWS, Postman

## CERTIFICATE

### Front-End Developer Capstone

- Gained hands-on experience in responsive web design, React, JavaScript.

### Generative AI for beginners

- Gained foundational knowledge of Generative AI concepts, tools, and applications.