

Jayavrata Sengupta

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EDUCATION

Universal College of Engineering

Pursuing Bachelor's in Artificial Intelligence and Machine Learning(2023-2027)

Naigaon East,Poman

CGPA: 8.0/10 (Till 4th Semester)

PROJECTS

E-commerce Website – Dynasty World (Luxury Tie Brand)

- Built a responsive e-commerce platform with interactive product displays, smooth category navigation, and seamless checkout.
- Enhanced user engagement with a modern UI and optimized performance.
- **Live:** dynastyworld.in | **Code:** [Github](#)

Tourism Websites – Kashmir

- Designed and developed two tourism websites to promote Gulmarg & Kashmir, integrating blogs, inquiry forms, and dynamic content.
- Optimized for SEO and responsiveness, leading to improved visibility and user interaction.
- **Live 1:** gulmarg-destinations.vercel.app | **Code:** [Github](#) & **Live 2:** travelleaderskashmir.com

Crypton – Crypto & Stock Market Dashboard

- Developed a dashboard showing real-time trends and AI-powered predictions using API integrations and React.
- Implemented clean, engaging UI for financial insights.
- **Live:** crypton-livid.vercel.app | **Code:** [Github](#)

Other notable projects(Visit): MERN-based AI chatbot (conversational AI), EduConnect with analytics features (BI-focused), and GPU rendering pipelines on Colab (data-intensive workflows), reflecting my combined focus on Full-Stack Development, Data Science, and Business Intelligence.

SKILLS

Technical Skills

- **Web Development Stacks:** Django, Node.js, Express.js, React.js (Vite), MongoDB Atlas
- **Machine Learning & Data Science:** Python (NumPy, Pandas, scikit-learn), basic ML models
- **Business Intelligence & Data Visualization:** Power BI, Matplotlib
- **Cloud & Deployment:** Render, PythonAnywhere, AWS, Azure
- **Debugging & Tools:** Postman API, Git, Chrome DevTools
- **3D & Visualization:** Blender (modeling, rendering, animation, VFX)

Currently Learning

Programming: Java, R, Python (advanced) | Databases: SQL, NoSQL (MongoDB) | Deep Learning: TensorFlow, PyTorch | Cloud Platforms: AWS, Azure | Business Intelligence: Power BI (advanced), Tableau

LEADERSHIP AND INVOLVEMENTS

- Led a team of 10 members to design and develop a touch-sensitive circuit board to control household appliances, demonstrating leadership, project management, and teamwork skills.
- I participated in a 2-month workshop focused on robotics, where I programmed the Firebird V robot using C++ and ATmega software, gaining hands-on experience in embedded systems and robotics.
- Intern at Marpo Foundation: Created engaging and informative content for the foundation's website and social media platforms, focusing on raising awareness for social causes **-(01 July to 11 July 2024).**
- **Client Collaboration & Delivery (2023-2025):** Worked with multiple clients on real-world projects, maintaining strong professional relationships. Experienced in requirement gathering, feedback loops, and timely delivery, ensuring client satisfaction and repeat collaboration.

INTEREST

- **Languages:** English, Hindi
- **Hobbies:** Modelling on Blender, Sketching