

Devansh Gaur

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EXPERIENCE

Strukt AI

January, 2026 – March, 2026

AI Developer, Freelance

Remote

- Engineered a real-time **3D** workspace with **Three.js** and **Blender**, featuring structural masking, texture mapping.
- Used **SAM 3** to enable furniture identification, providing granular control over material properties and assets.

Ellipsis of Happiness

December, 2025 – January, 2026

Software Developer, Freelance

Remote

- Built a wellness platform managing workshops, payments, analytics and supporting 5+ user roles and 100+ workshop interactions.
- Designed and deployed a secure Next.js + TypeScript system with RBAC, OAuth/JWT auth, Zoom webhooks, Razorpay payments.

Oasis Infobyte

July, 2025 – August, 2025

Web Development Intern

Remote

- Led development of a full-stack pizza e-commerce platform with admin panel, user interface, and secure payment integration.
- Developed and optimized 10+ responsive web components using **Next.js** and **TypeScript**.

PROJECTS

AI-Driven Groundwater Risk Atlas (SIH)

- Created an analytics platform to map and visualize **heavy-metal contamination** in groundwater in India.
- Analyzed 1000+ data points to automate **HPI, HEI, and Cd** indexing based on WHO/BIS standards.

MeetAI - AI Powered Meetings

- Built a **SaaS** real-time video platform supporting AI agents, handling live meeting streams with low-latency audio-video sync.
- Automated transcripts, summaries using AI pipelines, enabling searchable meeting insights and post-call analytics.

SmartBin - Smart Waste Segregation and Rewards

- Designed a prototype smart-dustbin system integrating sensors and camera to detect disposals.
- Implemented **ultrasonic fill-level sensing, IR-triggered detection, and TrashNet waste classification**.

EDUCATION

Amity University Noida

August, 2023 – July, 2027

B.Tech in Computer Science and Engineering

Noida, Uttar Pradesh

Certifications

Python for Data Science - **NPTEL (IIT Madras)**

Cisco Certified Network Associate-Introduction to Networks - **CCNA**

AWS Academy Graduate Cloud Foundations - **AWS**

Achievements

Technovenza B-Plan Competition: Secured 1st place at INFINITY 2025 for "Humanizing AI: Ethical Intelligence".

Microcontrollers - Brain of Robotics - 3rd Place (2024): Ranked 3rd in university-level robotics and Arduino competition.

SKILLS

Technical Skills : Python, JavaScript, TypeScript, Java, C++, C, HTML, Machine Learning, TensorFlow, Scikit-Learn, HuggingFace Transformers, spaCy, OpenAI API, LLMs, RAG, LangChain, Vector Databases (FAISS/Pinecone), DistilBERT, Sentence-BERT, NumPy, Pandas, Matplotlib, Seaborn, Jupyter, FastAPI, Flask, REST APIs, React, Next.js, Node.js, Express.js, Tailwind CSS, MongoDB, MySQL, Vite, Jinja2, Flutter, Git, MLflow, Comet-ML, DVC, Linux, Shell Scripting

Tools : AWS, Docker, Kubernetes, GCP, Jenkins, Airflow, Grafana, Prometheus, Redis, Postman