

UDDIT

📍 Jaipur,Rajasthan ✉ 2021umt1791@mnit.ac.in 📞 745 688 68 77 🔗 <https://udditwork.github.io/PORTFOLIO-Uddit/>

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Education

Girish Prasad Memorial College, Bareilly <ul style="list-style-type: none">ICSE X : 95.6% , ISC XII : 93.4%	2018,2020
Malaviya National Institute of Technology, NIT Jaipur <i>Metallurgical and Material Science Engineering</i> <ul style="list-style-type: none">CGPA: 7.1	2021-2025

Experience

Full Stack Developer <i>Zooner and The Vintage Foods,MIIC Incubator</i> <ul style="list-style-type: none">Created the MVP webapps from scratch for 2 MIIC-funded startups using React.js,Vite, Next.js, Node.js and MongoDB, powering 50% of total food delivery orders via the core app's "Order Online" Service.	Jaipur,India 2022-2023
Developer Intern <i>Electroglobal Inc,Bhamashah Techno Hub</i> <ul style="list-style-type: none">Developed an AI-powered robotics instructor chatbot using React.js, Flask, and OpenAI API for real-time IoT project guidance, component recommendations via store APIs, and progress tracking; integrated Firebase DB and subscription model, driving 5,000+ user acquisitions in 10 days, 30 min/day usage per user, and 80% increase in sales in 7 days.	Jaipur,India October-Dec 2024
Associate Patent Trainee, USPTO <i>InventIP Legal</i> <ul style="list-style-type: none">Studied the architecture, claims, and legal implications in applications of Transformer-based LLMs. Contributed to backend code components for an AI-powered patent drafting and prosecution tool, fine-tuned DeepSeek-V3 0324 for tailored content drafting, reduced prior art search time by 75% and reduced drafting time from 7 days to few hours.	Noida,UP January 2025-Current
Full Stack Developer <i>GANTAVYAM-future pods</i> <ul style="list-style-type: none">Built scalable MVP with React.js (dashboard), Node.js + Express (backend), MongoDB/PostgreSQL (storage), Socket.IO (live tracking), Google Maps API (routing), and Firebase/Auth0 (auth).	Noida,UP Current

Projects

- Resume Maker Full Stack Web Application with Career Counselling Chatbot**
 - github.com/UDDITwork/Career-Resume-Builder 🔗
 - Developed using a Resume Parser Algorithm with Next.js 13, React, Redux Toolkit, and TypeScript for resume import, NLP-based parsing (pdfplumber, spaCy), and PDF export via Jinja2/LaTeX and React-PDF; handled APIs using Express.js. Integrated chatbot for Career Advisory.
- Ai-driven Patent Drafting and Prosecution Automation Tool**
 - <https://gitlab.com/cosmosip/age-of-ai-in-ip> 🔗
 - Enables Prior Art Search,connects to Global Patent Databases via backend APIs of USPTO,EPO,The Lens ,IPO and AUSPAT,extracts the "Heart of invention",converts rough handwritten documents into digital formats via OCR,integrates multi-format document analyzer "Chat with Documents" 🔗 feature using Ai, provides similar patents,automates Patent Drawing Generation from text prompt to flowcharts by using LLM Api keys to generate PlantUML , Mermaid.js and Graphviz diagrams, integrates CAD vector databases in SolidWorks, AutoDesk and AutoCAD to generate 2D & 3D vectors making it a state of the art copyright software.
 - Tech-Stack:** Visit researchgate.net/pub/389187385 🔗 and researchgate.net/pub/390316159 🔗
- AI-Driven DSA Visualizer Tool**
 - <https://udditwork.github.io/DSAVisualizer/> 🔗
 - Built with DeepSeek API, Mermaid.js, PlantUML for visual understanding, and Canvas/WebGL/Three.js for animations; uses React (frontend) and Node.js (backend) to simplify complex Data Structures for students.

Skills

DSA and System Design; Languages: C, C++ , Java , HTML ,CSS and JavaScript.
Backend: Node.js, Express.js, Flask, REST, WebSockets, Socket.io, Axios / fetch API, JWT / OAuth2, Docker, Ollama and Git for version control; **Transformers:** Hugging Face Models. **Databases and Caching:** PostgreSQL, MongoDB, FireBase, and Redis.

Media and Publications:

Research Gate: <https://www.researchgate.net/profile/Uddit> 🔗
12 Live Coded Projects: <https://www.youtube.com/@uddit748> 🔗