UTSAV YADAV

Ghaziabad, India

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SUMMARY

Information Technology undergraduate with strong problem-solving skills and hands-on experience in building full-stack applications, AI-based systems, and integrated platforms. Skilled in modern web technologies, ML/AI fundamentals, and secure development practices. Passionate about developing impactful solutions, continuously learning, and contributing to real-world tech projects.

ACHIEVEMENTS   Sep 2023 – Present

- Earned Oracle Cloud Infrastructure 2025 Certified Data Science Professional credential
- Achieved Oracle Cloud Infrastructure 2025 Certified Generative AI Professional certification
- Runner-up in Smart India Hackathon (SIH) 2024 and Tata Imagination Challenge 2024
- Finalist in Innotech 2024 and BVP-HEX Hackathon, demonstrating strong innovation and problem-solving
- Completed Palo Alto Networks Cybersecurity Foundation and AWS Academy Generative AI Foundations

EXPERIENCE

Core Member   Jan 2024 – Present
INNOGEEKS Club – KIET Group of Institutions   *Ghaziabad, India*
- Explored foundational and applied concepts in Machine Learning and Computer Vision through hands-on group sessions
- Worked in a team of 8+ to build and contribute to small utility tools and AI-based mini projects
- Assisted 30+ juniors in debugging code, understanding DSA topics, and setting up dev environments
- Shared technical learnings in weekly discussions, improving peer engagement and collaborative learning

PROJECTS

MediTrack – AI-Integrated Healthcare Management System 🌐 Patent — ⌬ GitHub   Sep – Nov 2024
- Built an integrated platform for medicine recommendation and doctor appointment booking.
- Implemented symptom-based suggestions, dashboards, and secure patient–doctor workflows
- Designed lightweight backend using Flask + SQLite with MERN components for scalability
- Tech: Flask, SQLite, React.js, Node.js, MongoDB
- Achieved responsive UI with persistent user data; officially granted patent by KIET Group of Institutions

EmpowerHer – Full-Stack Role-Based Empowerment Platform ⌬ GitHub   Sep – Nov 2025
- Developed a multi-role platform for girls, women, customers, agents, and admins
- Implemented secure authentication, role onboarding, and dynamic dashboards. Tech: Next.js, TypeScript, Tailwind, Prisma, SQLite, Framer Motion, Recharts
- Built modules for scholarships, products, workshops, analytics, forums, and admin controls
- Added offline support (IndexedDB), mock UPI/IVR flows, and deployed via GitHub → Vercel CI/CD

CareerBERT – AI-Powered Job Matching System ⌬ GitHub   Apr – May 2025
- Engineered a job–resume matching engine using DistilBERT + TF-IDF scoring
- Automated PDF parsing with structured extraction of skills, education, and experience
- Implemented weighted ranking and skill-gap detection for precise recommendations
- Tech: DistilBERT, TF-IDF, Cosine Similarity, Python, Flask, SocketIO
- Built real-time matching UI using Flask + SocketIO, achieving 85 percent plus accuracy

EDUCATION

KIET Group of Institutions   2023 – 2027
B.Tech in Information Technology (IT)   *Ghaziabad, Uttar Pradesh*
- Current SGPA: 7.74/10.0 — Relevant Coursework: Data Structures, Algorithms, Machine Learning, Database Systems

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, SQL
Frontend Development: React.js, Tailwind CSS, Bootstrap, HTML5, CSS3
Backend Development: Node.js, Express.js, MongoDB, Supabase, REST APIs
Machine Learning / GenAI: scikit-learn, pandas, NumPy, Matplotlib, OpenCV, TensorFlow, OpenAI API, LangChain
Tools & Platforms: Git, GitHub, Linux, VS Code, Google Colab, Vercel, Netlify, Postman, CI/CD