Kuldeep Prajapati

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SKILLS SUMMARY

- **Programming Languages:** Python, JavaScript, HTML, CSS, SQL
- **Frameworks & Libraries:** ReactJS, NodeJS, ExpressJS, Flask, Pandas, NumPy, TensorFlow
- **Databases:** MongoDB, PostgreSQL, Prisma ORM
- **Developer Tools:** Git, GitHub Actions, Docker, Postman, AWS

INTERNSHIP

BlueStock.in   Jun'24 – Jul'24
Software Development Intern

- Contributed to Web-application development with an emphasis on **data processing**, handling datasets of **500+ records**, improving speed by **20%**.
- Gained expertise in **database management and query optimization**, resulting in **20% faster report generation**.

Outlier.ai   Oct'24 – Dec'24
Artfical Intellegent Intern (Model Trainer)

- Assisted in **training and evaluating LLMs**, improving model accuracy by **15%** and reducing error rates in human query understanding.
- Enhanced AI understanding of human queries and intent to ensure **relevant, reliable, and context-aware responses**.

PROJECTS

VisionIQ | *Python, Flask, YOLOv8, DeepSORT, OpenCV, React.js, Neon, Tailwind CSS, Recharts*   Aug'25 – Present
- Developed an **AI-powered crowd monitoring platform** capable of **real-time tracking of 1000+ people** with **95%+ anomaly detection accuracy**.
- Built an **interactive React.js dashboard** using **Tailwind CSS** and **Recharts**, enabling dynamic visualization of live and historical crowd analytics.
- Optimized **backend APIs** to reduce response time by **25%**, improving system performance and reducing **manual reporting effort by 40%**.
- Implemented **AI-driven alert systems** and **predictive analytics** to deliver real-time crowd insights, enhancing operational decision-making.
- Integrated **YOLO-based** and **Deep SORT tracking** pipelines, enabling accurate multi-person tracking even in dense and fast-moving environments.

ConnectNow | *React.js, Tailwind CSS, WebRTC, Socket.IO, Supabase, Whisper API, Chart.js, PostgreSQL, Node.js*   Apr'25 – Jun'25
- Developed a **video conferencing system** supporting **50+ participants**, with **automatic transcription**, reducing manual meeting by **80%**.
- Integrated **Whisper API** for automatic transcription, **AI-generated meeting summaries**, and actionable insight extraction, storing data securely
- Implemented **role-based access control** and user management with Designed **dashboards** using **Chart.js** to improve engagement visibility.

CERTIFICATIONS

- **Full-Stack Development (MERN)** | Apna College   Feb'25
- **Machine Learning and AI (AICTE)** | IIT Hyderabad   Apr'25
- **IBM DevOps and Software Engineer – DevOps Professional** | Coursera   Aug'24
- **Data Structures and Algorithms** | Cipher School   Aug'24

ACHIEVEMENTS

- Ranked in the **top 2%** out of **800+** participants in the Web-E-Stand Hackathon by building an **AI-powered financial data parser** that extracted **1000+ data points** per account, reducing manual investigation by **75%** and improving operational efficiency by **60%**.
- Solved over **350 DSA problems** using **Python** to strengthen problem-solving and algorithmic thinking skills.

EDUCATION

Lovely Professional University   Punjab, India
B.Tech in Computer Science   Nov'22 – Present

Gossner College   Jharkhand, India
Senior Secondary School - Science   Mar'20 – May'22

L.A. Garden High School   Jharkhand, India
Secondary School   Aug'18 – May'19