Deep Patel

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TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks:React.js, Node.js, Express.js, Next.js, Tailwind CSS
Database: MongoDB, PostgreSQL, MySQL, Firebase
State Management Libraries: Redux Toolkit, Zustand

EXPERIENCE

Edunet Foundation — Jul 2023- aug 2023
Training on Artificial Intelligence with Cloud Computing under AI Shaksam Program
- Led a team of **5 members** to develop an **age and gender detection project** using AI techniques.
- Utilized **TensorFlow** and **CNN** to implement the age and gender detection models.
- Integrated the AI models into a web application for real-time predictions.**(Flask,React)**

Jemisty Info Solution LLP — Jan 2025 - jun 2025
Web Developer Intern
- **Built an automated report generation tool using React and Node.js** to convert Nessus and WinAudit outputs into structured, professional reports.
- **Reduced manual reporting workflow by over 90%.**
- **Improved performance by 5×** by optimizing **image assets** and **font loading**.

Letmegrab — Sept 2025 - Nov 2025
Software Developer
- **Developed a Task Monitoring and Management System** to streamline task tracking, collaboration, and workflow visibility across teams.
- **Resolved 200+ backend bugs**, significantly improving system stability, reliability, and overall user experience.
- **Optimized database queries**, reducing API response time from **17 seconds to under 2 seconds**.
- **Implemented Role-based access control (RBAC)** for user
- **Built a dynamic notification system** enabling admins to manage users, control notification rules.

PROJECTS

MongoDB ChatBot | *React.js, Node.js, Gemini 2.5, MongoDB* — Jun 2025
- An AI chatbot that converts natural language into MongoDB queries with **95%+ accuracy using Gemini 2.5**
- Enabled full **CRUD** and **test data generation**, reducing developer **DB query time by 60%**.
- **Auto-fetches schema** from any connection string—no setup needed.

Shirt Design Web App | *React, Three.js, React Three Fiber, DALL-E* — Feb 2024
- Developed a Shirt Design web application allowing users to design custom t-shirts with **3D visualization**.
- Utilized **React** for the frontend to create a dynamic and interactive user interface.
- Integrated **Three.js** and React Three Fiber to enable **real-time 3D rendering** of t-shirt designs and textures.
- Used **DALL-E** to generate unique textures and graphics for the t-shirt designs based on user input.

Sorting Algorithm Visualizer | *React, Tailwind CSS* — Jan 2024
- **interactive Sorting Algorithm Visualizer** supporting **8+ sorting techniques** with real-time execution.
- Visualized comparisons and swaps step-by-step with **adjustable animation speed** for better algorithm insight.
- **Live performance metrics** including **completion time, total comparisons, and time complexity**.
- **Dynamic React interface** to control algorithm selection and array size.
- **Designed a responsive UI using Tailwind CSS** for smooth interaction across devices.

EDUCATION

Sarvajanik College of Engineering and Technology — CGPA :- 8.6
Bachelor of Technology in Computer Science — *2021 – 2025*

AB School, Chikhali — Percentage :- 89
Grade 12th(GSEB) — *2020 – 2021*

AB School, Chikhali — Percentage :- 88
Grade 10th(GSEB) — *2018 – 2019*