Kunal Bhoi

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in kunal-bhoi

EDUCATION

- **BK Birla college** — Mumbai, India
  HSC Board — *May. 2022*

- **Sardar Institute of Technology** — Mumbai, India
  B.Tech in CSE with Specialization in AI-ML; CGPA: 8.59 — *Jan. 2025 - Present*

PROGRAMMING SKILLS

- **Languages**: Java, C, JavaScript, TypeScript, SQL.

- **Technologies & Tools**: Next.js, React.js, Node.js, Express.js, MongoDB, PostgreSQL, MySQL, Zustand, Git, GitHub, Render, Vercel.

ACHIEVEMENTS

- Solved **750+** problems across various difficulty levels and Maintained streak of more than **350** days.

- **Specialist** on Codeforces (Max Rating **1427**) — **Knight** on Leetcode (Max Rating **1985**)

- Profiles - **Leetcode Codeforces**

PROJECTS

DIGITALDAIRY - WebApp to provide vital info and ensure transparency at Dairy centre

- Mentorship : Guided by a Google employee

- Web application revolutionizing dairy farming interactions by providing vital information and ensuring transparency at dairy centers.

- Integrated JWT-based authentication to secure user data and maintain data integrity, MongoDB database to handle large datasets efficiently, Zustand for state management.

- Next.js, TypeScript, MongoDB, ,vercel.

ChatApp - Real-time messaging web application using the PERN stack

- Integrated Socket.io for real-time communication, used PostgreSQL for the database, and created RESTful APIs with Express.js and Node.js to handle user authentication, message sending, and retrieval.

- React.js, Express.js, Node.js, postgreSQL, Prisma, Zustand, Render.

GHARANA - Smart Home Management webapp made in 4hr minithone.

- Collaborated as a team of three to develop ”Gharana,” a Smart Home Management Dashboard, in a 4-hour frontend hackathon using Next.js, Node.js, 3.js, and Blender.

- Designed an interactive 3D UI to control home appliances (lights, fans, etc.) with manual and voice commands, along with real-time energy monitoring for tracking and optimizing electricity usage.Implemented automation and scheduling features, enabling users to create routines like ”Morning Mode” or ”Night Mode” for seamless appliance management.

- Integrated real-time theft protection with alarm triggers, emergency SOS alerts, and live camera feed controls for enhanced home security and monitoring.