PRATHAM ISRANI

Phone: +91-8650488510
LinkedIn: linkedin.com/in/pratham-israni
leetcode: leetcode.com/u/Pratham012

Email: pk2732004@gmail.com
GitHub: github.com/Pratham2703005
GFG: geeksforgeeks.org/user/pk2732004

TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, TypeScript
- **Frontend Development:** Next.js, React.js, HTML, CSS
- **State Management:** Redux Toolkit, Zustand
- **Backend Development:** Node.js, Express.js
- **Databases:** MongoDB, Prisma ORM, SQLite, Supabase, Firebase
- **Authentication:** NextAuth.js (OAuth, JWT)
- **UI Libraries:** Shadcn UI, Chakra UI, Material UI, DaisyUI, MagicUI, Uiverse
- **Developer Tools:** VS Code, Git & GitHub, Postman, Hoppscotch
- **Data Structures & Algorithms:** Arrays, Linked Lists, Trees, Graphs, Binary Search, Greedy, Backtracking, Dynamic Programming, Bit Manipulation

PROJECTS

- **Semantic Segmentation of Satellite Imagery** *Source Code*　　　　*React, Tailwind CSS, Machine Learning ,Python*
  - Developed a web application to perform semantic segmentation of satellite images.
  - Integrated Google Earth Engine for image retrieval and WMS layer of Leaflet for mapping and displaying segmented features, creating API endpoints and perform accurate semantic segmentation of images
  - Implemented features allowing users to export results in GeoJSON and KML formats for further geospatial analysis.
  - Utilized React Joyride to create interactive guided tours and designed a responsive layout for seamless use across devices.

- **Portfolio Website** *Live Site*　　　　*Next.js, React.js, Prisma, NextAuth.js, MongoDB, TailwindCSS, shadcn/UI*
  - Designed and developed a dynamic portfolio showcasing personal journey, projects, achievements, and skills with a modern and responsive UI.
  - Integrated a unique **Messages** feature enabling users to create interactive canvas notes with public/private visibility options and deletion controls.
  - Added a dedicated **Games Section** featuring classic games like Snake, Memory, Ping Pong, and Tic Tac Toe with an integrated Game Rules Bot.
  - Implemented secure authentication using GitHub OAuth and NextAuth, managed data with Prisma ORM and MongoDB for scalability.

- **PasswordLocker** *Source code*　　　　*NodeJs, MongoDB, ExpressJs, React.js, Tailwind CSS*
  - Secure and Intuitive: PassOP encrypts and securely stores your credentials, ensuring data protection.
  - Efficient Management: Easily manage and access your passwords whenever needed.
  - User-Friendly: Provides a seamless and intuitive experience for safeguarding digital information.

- **Stakes:MinesGame** *Live Site*　　　　*ReactJS, TailwindCSS, MaterialUI*
  - Developed an interactive Mines game inspired by Stake's Mines game using modern web technologies, including React.js, to deliver a seamless and engaging user experience.
  - Implemented dynamic game logic to uncover tiles, avoid bombs, and provide real-time feedback, enhancing user engagement and strategy development.
  - Optimized the application for performance and SEO, including metadata, Open Graph, and structured data for better visibility and accessibility

ACHIEVEMENTS

- **Coding Contests**
  - **LeetCode:** BiWeekly Contest 143 (Rank 1738/38868), Weekly Contest 413 (Rank 2007/33382)
  - **GeeksForGeeks:** Global Rank 1111, College Rank 6

- **Certificates & Recognition**
  - **Smart India Hackathon 2024 Finalist**
  - **HackerRank Certifications:** Problem Solving (Intermediate), JavaScript (Basic), Frontend Developer (React)

EDUCATION

- **Dr. APJ Abdul Kalam Technical University**
  Bachelor of Technology - **Computer Science and Engineering**　　　　(2022 - Present)
  Current CGPA: 7.325