

PRATHAM ISRANI

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TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, TypeScript
- **Frontend:** Next.js, React.js, HTML, CSS, Tailwind, Material UI
- **State Management:** Redux Toolkit, Zustand
- **Backend:** Node.js, Express.js
- **Databases:** MongoDB, Prisma ORM, Firebase
- **Developer Tools:** Git, GitHub, Postman, Hoppscotch, VS Code

PROJECTS

- **Semantic Segmentation of Satellite Imagery(Frontend)** [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.
- **Password Locker** [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: Mines Game** [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: 7.4