

# 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.
- **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*