

PRATHAM ISRANI

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TECHNICAL SKILLS

- **Programming Languages:** C++, JavaScript
- **Data Structures & Algorithms:** Arrays, Linked Lists, Trees, Graphs, Dynamic Programming
- **Backend Development & Database:** Node.js, Express.js, MongoDB, MySQL, Mongoose
- **Frontend Development:** ReactJS, HTML, CSS, JavaScript, TypeScript, Redux, TailwindCSS
- **Version Control & Operating System:** Git & GitHub, Windows
- **Other Tools:** VS Code, Postman

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.
- **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.
- **WeatherApp:PKlimate** [Source Code](#) *React.js, Tailwind CSS, shadcn/UI*
 - Created a responsive weather forecast application that provides real-time data on temperature, humidity, and weather conditions using public APIs.
 - Focused on delivering a modern UI/UX, enhancing performance, and ensuring a seamless user experience throughout the application.
- **Stakes:MinesGame** [Source Code](#) *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

ACHIVEMNTS

- **Coding Contests**

LeetCode	Geeks for Geeks
* BiWeekly Contest - 143: 1738/38868	* Global Rank: 1111
* Weekly Contest - 413: 2007/33382	* College Rank: 6
- **Certificates**
 - **HackerRank**
 - * **Problem Solving (Intermediate)** [Link](#)
 - * **JavaScript (Basic)** [Link](#)
 - * **Frontend Developer (React)** [Link](#)
 - **Smart India Hackathon - 2024 : Finalist**

EDUCATION

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