



## EDUCATION AND SCHOLASTIC ACHIEVEMENTS

Program	Institute	% / CGPA
(B.Tech + M.Tech) Dual Degree in Engineering Design (Currently in 3rd Year)	Indian Institute of Technology, Madras	8/10 CGPA
Class XII (CBSE)	Air Force School Agra, UP	88.9 % Passed ( 97% in Maths)
Class X (CBSE)	Air Force School Agra, UP	90% Passed



- Indian Olympiad Qualifier in Mathematics (IOQM) 2022 Qualifier.
- JEE Mains Percentile : 98.99 % (rank 10172 among ~ 14 lakh students) Proof: <https://drive.google.com/file/d/1M-3XySaSgVtVwMgk5WxEjNjRBvuWNdaI6/view?usp=sharing>
- JEE Advanced ALL INDIA RANK: 5126 (among 1.5 lakh students), College Proof: [https://drive.google.com/file/d/1DXq\\_1BwqLqszsLro5IKGEPCnSDobmxmB/view?usp=sharing](https://drive.google.com/file/d/1DXq_1BwqLqszsLro5IKGEPCnSDobmxmB/view?usp=sharing)

## PROJECTS

Easy AI	Developed a multi-faceted AI Chat Assistant app with diverse AI personalities using React Native, backend: Next.js, and Expo as a practice for for Build with AI: Google Hackathon. (GenAI API , React Native) Github link: <a href="https://github.com/ProPrak01/EasyAI">https://github.com/ProPrak01/EasyAI</a>
Weather App	Weather app built for intern practice assignment with React Native using Expo. It fetches weather data from the WeatherAPI to provide current weather information in a very nice ui for a given location. Github link: <a href="https://github.com/ProPrak01/Weather-App-mobile">https://github.com/ProPrak01/Weather-App-mobile</a>
AI Video Sharing App	AI Video Sharing App developed using React Native with Expo. The app allows users to upload, view, and share AI-generated videos. Backend developed using appwrite Github link: <a href="https://github.com/ProPrak01/AI-Video-Shairing-Mobile-Platform">https://github.com/ProPrak01/AI-Video-Shairing-Mobile-Platform</a>
Prakash Khabar	News App developed using (React ,Vite , News API , Weather API, OpenCageData API , typescript) Github link: <a href="https://github.com/ProPrak01/prakash-Khabar">https://github.com/ProPrak01/prakash-Khabar</a>
Chess Game	Chess Game developed in c , Github link: <a href="https://github.com/ProPrak01/Chess-Game">https://github.com/ProPrak01/Chess-Game</a>
SocialMe	Social Media App (MERN Dev. ) : Deployed link: <a href="https://social-me-rho.vercel.app/posts">https://social-me-rho.vercel.app/posts</a>

## WORK EXPERIENCE

<b>HUD Startup (Helping U Drive) (april 2024-current)</b>	Working as intern in HUD Startup linkedIn: <a href="https://www.linkedin.com/company/hud-helping-u-drive/?originalSubdomain=in">https://www.linkedin.com/company/hud-helping-u-drive/?originalSubdomain=in</a> Worked in the design and implementation of the Head's Up Display (HUD) technology, leveraging my skills in <b>React Native</b> development to create intuitive and user-friendly mobile applications that seamlessly integrate with the helmet-mounted HUD system. Currently implemented: Connection with ESP32 to app: <a href="https://github.com/ProPrak01/BLEproject">https://github.com/ProPrak01/BLEproject</a> Implemented google maps with app: <a href="https://github.com/ProPrak01/getLocation">https://github.com/ProPrak01/getLocation</a> Wireframe : <a href="https://www.figma.com/design/skFikHWeFmrpeCREgsdrwQ/HUD-APP-WIREFRAME?node-id=0-1&amp;t=wq1TGRRvatiFIEMK-0">https://www.figma.com/design/skFikHWeFmrpeCREgsdrwQ/HUD-APP-WIREFRAME?node-id=0-1&amp;t=wq1TGRRvatiFIEMK-0</a>
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## POSITIONS OF RESPONSIBILITY

<b>ACC IITM TV (Jan 2023 - Aug 2023)</b>	Designed engaging thumbnails, posters, and graphics for IITM TV using Adobe Illustrator, Photoshop, and Figma.
<b>CFI Envisage Coordinator-&gt; Manager (August 2023 – Jan 2024)</b>	Coordinated game development at Envisage, managing Unity and Blender projects like multiplayer Game, 3D Shooter, 2D Chess, and led initiatives for Shaastra 2024. ( <b>Unity , C#</b> )
<b>CFI Webops &amp; Blockchain PM Oct'23 - Mar24</b>	Developed a <b>Web App</b> to scan teeth and synthesise panoramic images for real-time display, presented at the CFI Open House. (using Vue.js , Websockets , Mongo, Express, Node)
<b>Super Coordinator Insti WebOps (current)</b>	As Supercoord for IIT Madras WebOps team, leading digital infrastructure management, optimising website operations, and innovating solutions for an enhanced online experience. (currently )
<b>Super Coordinator Saarang DevOps (current)</b>	Have joined Saarang DevOps team as a SuperCoordinator for maintaining Saarang Sales portal, Main Portal, etc. Tech Stack: React, Apollo, GraphQL, PostgresQL, AWS

## EXTRA-CURRICULARS

<b>Inter Hostel Sports</b>	Represented Brahmaputra Hostel - IITM as a Basketball Team Player in the Inter Hostel Sports Schroeter.
<b>Inter IIT TechMeet 12.0</b>	Represented college in Inter IIT TechMeet 12.0 as contingent in <b>Panchayati Raj software Dev PS competition.</b> <a href="https://drive.google.com/file/d/1-W72m9Y_NzOk8W6acNP_TcUUUjiHcUKr/view">https://drive.google.com/file/d/1-W72m9Y_NzOk8W6acNP_TcUUUjiHcUKr/view</a> (ThreeJS , K* algo.) Represented college in Inter IIT TechMeet 12.0 as contingent in low-prep IGDC game Dev PS competition.

## Software Development Projects

<b>FEM Software Development under (Prof. Srikanth Vedantam)</b>	This cutting-edge project uses the <b>RUST</b> programming language and integrates the <b>CGAL library of C++</b> for intricate computational geometry calculations. Implementing <b>parallel</b> programming
<b>Digital Twin Technology (Prof. Jayaganthan R)</b>	Working in making <b>Digital Twin</b> using Unity c# for the 3D printer in the <b>New Academic complex, IITM.</b>
<b>Chess Game</b>	Created A chess game in C- language as a ED1021 project. <a href="https://github.com/ProPrak01/Chess-Game.git">https://github.com/ProPrak01/Chess-Game.git</a>
<b>CFI webOps project</b>	Tech stack:(vue, express, websocket,mongo) <a href="https://github.com/ProPrak01/CFI_WebOps_project">https://github.com/ProPrak01/CFI_WebOps_project</a> Worked on making a Web App for scanning patient's tooth and displaying by combining all images from different angles to make one panoramic image which shows a real image of each tooth
<b>Multiplayer Game (PM in CFI Envisage 12.0)</b>	Tech Stack: (C#, Unity ,Netcode (for server handling)) <a href="https://github.com/ProPrak01/Envisage_BreakAleg">https://github.com/ProPrak01/Envisage_BreakAleg</a> Showcased in Research Conclave 2023.
<b>SKILLS</b>	C++, Python, Javascript (React, ReactNative,Node,Express,postgres), Rust, C# , Unity, Github, Arduino IDE (IoT) + Esp32 ,Simulink,Autocad, Fusion 360, MatLab, MS Office, Figma(UI UX), Ansys, Adobe Photoshop.