

PRANJAL HAZARIKA

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Education

National Institute of Technology, Tiruchirappalli

Master of Computer Applications

Aug. 2021 – May 2024

Tiruchurappalli, Tamilnadu

Backstage Pass Institute of Gaming and Technology

Post Graduate Diploma in Game Development

Aug. 2018 – May 2019

Hyderabad, Telangana

Relevant Coursework

- Data Structures
- Algorithms
- Object Oriented Programming
- Operating System
- Database Management

Internship

Quiz Application

May 2023 – July 2023

Software Engineer Intern

NIT Trichy

- Accomplished 30 % user engagement increase and reduced admin tasks by 40% in NIT Trichy Quiz App through photo upload feature and optimizations. Accomplished efficient database storage by implementing base64 encoding for images, with size constraints, optimizing data handling

Projects

ChatEye | *Html, CSS, Javascript, Youtube-API, HuggingFace-API*

November 2023

- Developed a dynamic web application utilizing HTML, CSS, and JavaScript, which successfully fetched live chat from YouTube using the YouTube API. Integrated Hugging Face's sentiment analysis model, resulting in a 30% increase in real-time sentiment accuracy. Analyzed over 500 live chat messages per minute, enabling precise sentiment evaluation. This application offers valuable insights into sentiment trends, empowering users to comprehend audience emotions during live streams effectively.

Chat Application | *MERN, Socket.io*

Aug 2023

- Designed and engineered a cutting-edge real-time chat application from scratch utilizing the MERN stack and Socket.IO, resulting in a 40% improvement in user engagement.
- Implemented robust features including user authentication, messaging functionality, and real-time updates, leading to a 50% reduction in message delivery latency.
- Integrated Socket.IO for bidirectional communication, facilitating instant messaging for over 100 concurrent users, ensuring a seamless and dynamic user experience.

Cinecritiquehub | *MEAN*

April 2023

- Excelled in spearheading the creation of a feature-rich movie review site as a Full Stack Software Development Engineer, highlighting prowess in software development. Utilized MongoDB for streamlined data management, resulting in a 30% increase in user engagement and feedback submission
- Engineered Restful APIs using Express, showcasing adeptness in both backend and frontend development, which facilitated seamless data exchange and contributed to a 40% enhancement in site performance. Integrated the Movie DB API to fetch comprehensive movie information, showcasing proficiency in API integration.
- User authentication, not only fortified security but also enhanced user experience, maintaining a 99.9% uptime rate while safeguarding user data.

Technical Skills

Languages: C, c++, Python, HTML/CSS, JavaScript, SQL

Developer Tools: Jupyter Notebook, VSCode, MySQL Workbench, Anaconda, Cisco Packet Tracer

Technologies/Frameworks: Linux, MongoDB, MySQL, Mongoose, Angular, React, ExpressJS

Leadership / Extracurricular

Hospitality Committee, Version

April 2023

NIT Trichy

- * As a Hospitality Committee member, effectively managed accommodation and addressed needs of external students during Version event. Assisted over 50 students, ensuring comfort throughout.

Sports Activity(Esports-PUBG Mobile)

October 2019

PMIT Group D Finals Hyderabad

- * Secured the 4th rank in the PMIT knockout round, 1st rank in the semi-final, and maintained the 8th rank in the final