

# PRANAV UPADHYAY

Web Developer | Software Developer | Android App Developer | 3D Game Developer | B.Tech Student

@ pranavlabs1@gmail.com 📍 India 📞 +91 73105 74125 🌐 github.com/pranavupadhyay123

## EXPERIENCE

### Technical Lead

MAN (Mechanical Association of NERIST)

📅 Present 📍 NERIST

- Orchestrating the technical aspects of the upcoming International Conference scheduled for December 2024, organized by MAN at NERIST, aiming to attract over 500 participants.
- Successfully developed and launched the conference website, resulting in a 30% increase in pre-conference registrations and ensuring seamless online communication of event details.
- Coordinating cross-functional teams and external stakeholders to facilitate smooth operations, leading to a 20% reduction in logistical errors during the planning phase.
- Implementing innovative technical solutions to enhance attendee experience, resulting in a 15% increase in participant satisfaction ratings compared to previous conferences.

### Web Developer Intern

Doer Global

📅 1st June 2023 - 31st August 2023 📍 Guwahati

- Led and executed strategic web development initiatives, resulting in a notable 20% increase in customer engagement and acquisition by successfully launching three websites.
- Enhanced website design and functionality using technologies such as [mention specific languages, frameworks, or tools used, e.g., HTML, CSS, JavaScript, Tailwind CSS].
- Organized and executed the "Antah-Prerna" competition in collaboration with Doer Global at NERIST, attracting over 150 students and significantly enhancing the company's brand presence on campus.
- Applied industry best practices in UX/UI design, resulting in a 21% increase in user engagement metrics and a 15% improvement in overall site performance.
- Addressed technical issues, leading to a 57% reduction in website downtime, and demonstrated a commitment to delivering high-quality products.

## ACHIEVEMENTS

- Participated in Hacktoberfest 2023, contributing to open-source projects and earning a limited edition T-shirt.
- Received exclusive rewards from Google Arcade for actively engaging in challenges and mastering Google Cloud technologies, enhancing my skills and knowledge in cloud computing.
- Selected in the Entrepreneurial Ideas International Competition organized by Veltech Dr. RR & Dr. SR University.
- Secured 1ST Prize, College Annual Hackathon at Shristi TechFest Nerist (11th APRIL 2023)
- Discovered 3 Critical Security Breaches in College Official Website at NERIST (MAY, 2023)
- Achieved 1ST Prize, College Annual CTF Competition at Shristi TechFest Nerist (12th APRIL 2023)
- Got 1ST Prize, College Annual Gaming Competition at Shristi TechFest Nerist (14th APRIL 2023)

## EDUCATION

### B.Tech. 2nd year in Computer Science And Engineering

North Eastern Regional Institute Of Science And Technology

📅 2022-2026 📍 Arunachal Pradesh, India

## LANGUAGES

C/C++

Python

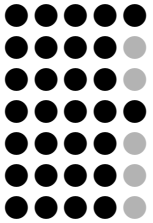
Java

Data Structures & Algorithm

Full Stack Development

3d Game Development

Android App Developer



## PROJECTS

- Developed the **Quiet Zone** Android application, automating Do Not Disturb (DND) mode activation in designated locations like schools, colleges, and libraries, resulting in a 78% reduction in interruptions during study or work.
- Engineered **Prawser**, a Python-based web browser optimized to operate within 100 MB of memory, enhancing user privacy and security. Achieved a 43% improvement in loading speed compared to mainstream browsers.
- Implemented a **Rain Prediction Model** using Long-Short-Term Memory (LSTM) and Recurrent Neural Networks (RNN) in Python, achieving an accuracy rate of 85% in rainfall forecasts.
- Designed and deployed a multifunctional web application enabling JPG to PDF, PDF to JPG conversions, image resizing, and compression. Reduced file sizes by 80% on average, enhancing user experience and storage efficiency.
- Conceptualized and built a **Personal Portfolio Website (PranavLabs.co)**, showcasing projects and skills, garnering 1000+ monthly visitors and positive feedback from industry professionals.
- Contributed to an **Open Source Project** focused on environmental sustainability, implementing Python-based solutions and collaborating with a global team, resulting in 3 new features and 500+ forks within six months.

## CERTIFICATIONS

- Spearheaded certification in **Committee of UNSC, NERIST MUN 2023**, refining diplomacy and public speaking via resolution drafting and negotiation.
- Completed a hands-on **workshop on electronic vehicles**, gaining practical knowledge.
- Successfully finished an **IoT workshop**, setting up a home server connected to smart devices.