

## EDUCATION/PERSONAL INFORMATION

**Jawaharlal Nehru Technological University Hyderabad College of engineering Jagtyal, Telanga , India** Dec 2020 - June 2024  
Bachelors of Technology in Information Technology

**K.C. Public school, Jammu , India**  
Schooling under CBSE board

## WORK EXPERIENCE

**Software Development Engineer | Hydro Online** August 2024 – Present

### Ad Platform Engineering

- Developed a JavaScript-based, OpenRTB-compliant ad banner script with dynamic placement, sizing, and real-time viewability tracking.
- Built an Advertisers Portal using React.js, TypeScript, and Go for customizable advertising packages and campaign management.
- Developed a Publisher Rewards Calculation Website using Go and React for transparent publisher compensation.

### Payment Integrations

- Developed a Web Application using React.js and Web3 integration for cryptocurrency purchases via MetaMask.
- Integrated MoonPay SDK and developed methods to use onramp functionality as a crypto payment option.
- Designed and implemented PayPal webhook integration and frontend SDK for seamless payment processing.

### Website Development & Management

- Managed and expanded the Hydro Online website using Webflow, including adding new pages, updating content, and enhancing overall site functionality.
- Optimized website structure and navigation to improve accessibility and user engagement.
- Collaborated with designers and content creators to ensure consistent branding and a seamless user experience.

### Decentralized File Transfer Project (Current)

- Implementation of a decentralized file transfer system focused on secure, peer-to-peer data sharing.

## PERSONAL PROJECTS

**Blockchain Based Voting App** Feb 2024 - Apr 2024

- Implemented Secure Voting Mechanism with **smart contracts** using **Solidity** for recording votes using **Remix studio**
- Deployed contract on **SepoliaETH** test network to record vote counts instead of actual votes to enforce privacy.
- Testing the deployment of the contract was done through **Ganache**.
- Designed intuitive **React-based** user interface with radio buttons for streamlined party selection.
- Integrated robust error handling for invalid login attempts, enhancing system integrity.

**IOT based Automatic plant watering system using Arduino UNO board** Mar 2023 - Nov 2023

- Engineered **Arduino-based** smart irrigation system with soil moisture sensing for **automated plant watering**.
- Implemented user-configurable moisture thresholds, optimizing water usage and plant health.
- Integrated **water pump control system** for precise, automated irrigation based on real-time soil conditions.
- Incorporated LCD interface for **live monitoring** of soil moisture levels and system status.
- Developed **modular, scalable code** for system control, enhancing maintainability and future expansion.

## TECHNICAL SKILLS

**Programming languages:** JavaScript, TypeScript, Go, Swift, React Native

**Frontend Technologies:** React.js, HTML5, CSS3, SCSS

**Backend Technologies:** Node.js, RESTful APIs

**Development Tools:** Git, Figma, Latex

**Miscellaneous:** Sql, MetaMask Integration

**Cloud Platforms:** Amazon Web Services

## CERTIFICATIONS RECIEVED (ONLINE COURSES)

- Programming Fundamentals in Swift
- React.js
- Mobile Development and JavaScript
- Advanced Programming in Swift
- Version Control
- Introduction to iOS Mobile Application Development