Nallaganchu **Umapavan**

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Education

Prasad V Potluri Siddhartha Institute of Technology   *July 2021 - PRESENT*
BTech in Information Technology   *CGPA : 8.88*

SRI SARADA JR COLLEGE   *June 2019 - May 2021*
BIEAP, Class XII   *Percentage : 93.4*

Skills

Languages: C, C++, Java, Python
Web Development: HTML, CSS, JavaScript, ReactJs, NodeJs, ExpressJs, MongoDB
App Development: Flutter and Dart Programming
Tools: Visual Studio, Adobe XD, Sublime
Others: DSA, Ux Design , Machine Learning

Experience

Mobile App Developer (Smart Home)
Sefe Automation   *March 2023 - May 2023*
- Developed the mobile app for Smart Home, enabling users to remotely control their electronic appliances and monitor energy consumption in real time.
- Implemented energy-saving algorithms, resulting in a 15% reduction in overall energy consumption for users.
- Coordinated with the hardware team to ensure seamless communication between the app and IoT devices.
- Conducted user testing and gathered feedback to iterate on the app design, achieving a user satisfaction score of **4.8/5**.
- Utilized Flutter for cross-platform development, ensuring consistent performance on both Android and iOS devices.

Mentor(DSA)
Smart Interviews   *June 2023 - Present*
- Mentored junior developers at Smart Interviews (2024 - Present), providing guidance on Data Structures and Algorithms (DSA) concepts.
- Developed engaging learning modules and facilitated interactive sessions to enhance mentee understanding and problem-solving skills.
- Earned a competitive stipend of ₹12,000 per month, reflecting the value and impact of my mentorship.

Projects

Coal Transportation(SIH)
Team Lead
- Created a web-based application based on Smart India Hackathon problem statement 1317 using **React JS**
- Our Web application serves as a platform for stakeholders, transporters, and end users.
- Provides **multi-modal visibility** of coal transportation and allows stakeholders to seamlessly track the movement of coal from source to destination.
Tech Stack: React JS, Firebase

Honors & Awards

- Finalist in **Smart India Hackathon** at SIH-2023 (IES College, Bhopal).   Link
- Diamond Certified Smart Coder from Smart Interviews' Data Structures and Algorithms course. Ranked **503** globally out of **32,056** participants and **3rd** in college. Top performer in the department.   Link
- 1st Place in Coding competition (**Code Hunt**) at Chalapathy Institute of Technology, Novum-2k24.   Link
- 1st Place in Coding competition (**CIS'SORIEE**) at R.V.R. and J.C. College of Engineering, Colorido-2k24.   Link
- 2nd Place in Coding competition (**Trilang Quest**) at Velagapudi Ramakrishna Siddhartha Engineering College, AFOSEC-2k24.   Link
- Attained a LeetCode rating of **1650**, placing in the top **20** percent.   Link
- Demonstrated proficiency by solving over **450** problems on LeetCode.
- 3rd Place in Idea Hackathon (**Ideate**) at Prasad V Potluri Siddhartha Engineering College, Ideate-2k24.   Link