

P. V. S. PRABHU NANDAN

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Summary

A highly motivated and enthusiastic second-year BTech student in **Artificial Intelligence and Machine Learning (AIML)**. Strong foundation in **programming, problem-solving, and core technical subjects**. Seeking **internship or part-time opportunities** to gain hands-on experience in software development. Passionate about learning **new technologies such as AI, web development** and working in a dynamic team environment.

Education

- **B.Tech in Artificial Intelligence and Machine Learning**
SRKR Engineering College, Bhimavaram **CGPA: 9.57** (current CGPA)
- **Intermediate**
Sasi Junior College, Velivennu **Percentage: 98.2%** (Graduation: 2023)
- **SSC**
Aditya Public School, Kakinada **Percentage: 100%** (Graduation: 2021)

Internship

- **AICTE Internship on AI: Transformative Learning with TechSaksham (Microsoft & SAP)**
Working on a 4-week internship focusing on AI technologies as part of a joint CSR initiative by Microsoft & SAP. **Activities:** Developed project prototypes with mentorship, attended technical sessions, and participated in collaborative learning.

Projects

- **AI-powered Missing Child Identification System (on going)**
Developing an AI-powered facial recognition system to identify and reunite missing children by matching uploaded photos with a pre-existing database. Implemented deep learning for feature extraction and similarity matching, enabling fast and accurate identification. Integrated a web-based interface for photo submission and real-time search.
- **Modern Interactive Weather App**
Developed a responsive weather app providing real-time weather updates using the OpenWeatherMap API. Implemented location-based weather retrieval and dynamic background changes based on weather conditions.
Skills Utilized: React.js, CSS, OpenWeatherMap API, Vercel (Deployment)
Live Project: weatherproject-eight.vercel.app

Technical Skills

- **Programming Languages:** Python, C, Data Structures (Python)
- **Web Development:** HTML, CSS, JavaScript, React.js, Bootstrap.
- **Tools & Technologies:** Ms Excel, GitHub, Canva.
- **Academic Coursework:** Data Structures Algorithms, DBMS, AI.

Certifications

- **Front-End Development Completion Certificate** (Simplilearn, 09/2023 - 10/2023)
Technologies: HTML, CSS, JavaScript, React.js
- **CLA: Programming Essentials in C** (Cisco Networking Academy, 12/2023 - 01/2024)
- **Introduction to Cybersecurity** (Cisco Networking Academy)
- **Machine Learning for Cybersecurity** (C-DAC Hyderabad)
- **Web Development Certification** (AICTE IDEA LAB)

Technical Profiles

- **LeetCode:** <https://leetcode.com/u/PVSPNandan016/>

Extracurricular Activities

- **Interests:** Drawing, Badminton, Chess, Sadhana, AI Research.
- **Active member** of the **Coding Club, PAIE Cell, Language Nest, Association of Computer Science.**