Rasamsetti Gnana Prudhvi

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SUMMARY

B.Tech 2nd-year Computer Science Engineering student at SRM University-AP with a minor in Quantum Computation. Passionate about Artificial Intelligence, Machine Learning, Web Development, and UI/UX Design. Currently expanding expertise in Full-Stack Development and actively working on real-world applications in AI-powered systems.

EDUCATION

SRM University, Andhra Pradesh (2023 – 2027)

- **Bachelor of Technology – Computer Science Engineering**
- **Minor in Quantum Computation & Algorithms (2024 – 2027)**
- CGPA: 8.93 (Till 3rd Semester)

Sri Chaitanya Junior College(2021 – 2023) - 11th & 12th (AP Board)

- **MPC - Mathematics, Physics, Chemistry**
- Percentage: 97.9%

NSM Public School, Vijayawada (2021)

- **10th - C.B.S.E**
- Percentage: 92.6%

TECHNICAL SKILLS

- **Programming & Data Structures:** C, C++, Python, Data Structures & Algorithms
- **Web Development:** HTML, CSS, JavaScript, React.js
- **Databases**: MySQL
- **UI/UX Design:** Figma
- **Graphic Design:** Canva, Adobe Illustrator
- **Tools & Technologies:** Git, VS Code, Visual Studio, Blender

ACHIEVEMENTS

- **Selected for PayPal Career Academy (2025):** Chosen for PayPal's prestigious program focusing on technical skill development, industry insights, and career advancement.

PROJECTS

- **Crime Control System (C++) –** Designed a secure crime reporting system using OOP principles and file handling in Visual Studio, enabling real-time crime alerts for law enforcement.
- **Basic Bank Management System (C) –** Implemented a banking system with secure file handling, allowing user authentication, balance checks, withdrawals, and deposits.

CURRENTLY WORKING ON

- **Smart Classroom Web Application –** Smart Classroom Web Application – Developing a full-stack online university platform integrating face detection for attendance and time tracking using Python, OpenCV, Flask, and React.js. This project aims to automate student monitoring and enhance remote learning experiences.
- **Machine Learning Internship (Finlatics) –** Learning supervised & unsupervised machine learning algorithms, focusing on data preprocessing, feature engineering, and AI applications in predictive modeling using Python & Google Colab.
- **Data Structures & Algorithms (DSA) –** Actively improving problem-solving skills by working on recursion, dynamic programming, and graph algorithms.