Chandana K

I seek a challenging position to apply my expertise, gain new skills, and contribute meaningfully to the organization. As an emerging professional, I aim to leverage my analytical abilities and enthusiasm for generating actionable insights.

Education

Dec 2021- Jul 2025	**Bachelor of Technology: Computer Science and Engineering(Specialization IOT)** Presidency University - *Bengaluru, India* CGPA - 7.87(up to 7th Sem)
2019-2021	**Pre-University: PCMC** Base PU College - *Bengaluru, India* Percentage - 85.5
2018-2019	**Class 10 CBSE** KLE Society's School - *Bengaluru, India* Percentage – 84.0

Technical Skills

Programming Lamguages:
- **C++:** Strong understanding of OOP concepts (Polymorphism, Abstraction, Encapsulation, Modularity); Error and exception handling.
- **HTML/CSS:** Proficient in HTML tags, static web page creation, and CSS styling.
- **Python:** Knowledgeable in Python programming using standard libraries; OOP concepts; Error and exception handling.
- **C:** Coding using basic C Concepts.
- **DBMS:** Basic DBMS coding; Strong knowledge of MySQL fundamentals.

Framework: Streamlit, React

Web Development tools: VS Code, Docker

Internship

DRDO (ADE) Bengaluru, India Jul 2023 – Aug 2023
- Assisted in testing and debugging an UAV named Rustom II as part of a DGPS (Differential Global Positioning System) project.
- Coded using C programming language for project implementation.

NeuAlto Bengaluru, India Jan 2025 – (in Progress)
- Contributed to the development of a user login page powered by Generative AI, enhancing user authentication with intelligent and dynamic interface design.

Projects

B.E, Computer Science & Engineering
- **Data Privacy Firewall:** "Developed Raspberry Pi firewall to block pop-up ads."
- **Arduino Radar:** "Created radar to detect approaching aircraft."
- **Agri Robot:** "Built agricultural robot using servo motors and Blink IOT."
- **User Login Website:** "Designed login website with HTML, CSS, React.js, and DBMS."
- **Reforestation Robot**: "Developing robot software for automated reforestation (VMware supported)."

Research Papers

- **Enhancing Underwater Imagery with AI/ML and IOT in ROV Technology**
 Cited in Artificial Intelligence and edge computing for sustainable ocean health pp 311-342, Published on 12 September 2024, Link

- **Re-forestation using robotic vehicles.**
 Cited in Journal of Systems Engineering and Electronics Volume 35 issue 1, Published on January 2025 , Link

Contact

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Professional Network
LinkedIn
Bold Profile
GitHub

Soft Skills
- Effective communication
- Presentation
- Team working spirit
- Critical Thinking and Management

Personal Details

Date of Birth: 16/11/2002

Nationality: Indian

Marital Status: Single

Gender: Female

Languages
- English
- Kannada
- Hindi

Interests
- Painting
- Calligraphy
- Dance
- Art
- Coding
- Debugging Errors

Extracurricular activities
- Peer Tutoring
- Online Art and cultural Competitions
- Planting Trees and community Involvement