

D. P. VISHNU RAO

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Career Summary

AI & Machine Learning enthusiast with expertise in Python, C++, SQL, and application architecture. Skilled in Data Structures, Machine Learning, Deep Learning with hands-on experience in AI - Application projects.

Education

- **M.Tech in Artificial Intelligence and Machine Learning**
Vellore Institute of Technology | 2024 – 2026 | CGPA: 7.55
- **B.E in Computer Science and Engineering**
Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari | 2022 | CGPA: 7.27
- **Senior Secondary Education (XII)**
Ballari Independent PU College | 2018 | Percentage: 77.66%
- **High School (X)**
Basavarajeswari Public School | 2016 | Percentage: 72.16%

Technical Skills

- **Programming Languages:** C, C# Fundamentals, Python, JAVA Fundamentals
- **Tools & Frameworks:** Power BI, Pentaho, Docker, Pyspark, Streamlit, Scala, Angular, .NET
- **Databases:** SQL, MySQL, PostgreSQL
- **Concepts:** Data Structures & Algorithms, Machine Learning, Deep Learning

Experience

Carelon Global Solutions India LLP

Associate Software Engineer | Oct 2022 - Jan 2023 | Bangalore

- Gained hands-on experience with COBOL and Mainframes while working on enterprise applications.

SHREESHANTHA IT Solutions | Internship

Software Developer Intern | Jun 2021 - Aug 2021 | Remote

- Developed the **Online Menu Project**, enabling restaurants to provide a paperless and user-friendly dining experience.
- Designed and implemented the **frontend** using **HTML, CSS, Bootstrap, and JavaScript**.

Projects

- **Enhancing Iris Classification (Present)**
Developed HeI-AlexNet to mitigate misclassification between alcohol- and light-induced iris conditions.
- **Smart Crop Protection Using IoT with Deep Learning (2022)**
Designed a wild animal detection system to protect agricultural fields using IoT and deep learning.
- **Keycloak Integration with Streamlit Application**
Implemented OAuth 2.0 authentication for a Streamlit application using Keycloak and Flask.

Certifications

- **The Ultimate DevOps Bootcamp** – Udemy (ongoing)
- **AWS Fundamentals: Going Cloud Native** – Coursera (2021)
- **Web Developer Certification** – Edureka (2023)