

ARUN PERALA

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TECHNICAL SKILLS

Programming Languages: Python, C, and Java

Web Technologies: HTML, CSS, JavaScript, Node.js and Bootstrap

Data Base Management System: MySQL Data Base

Strong Understanding of Computer Science Fundamentals: Object Oriented Programming (OOPS), Operating Systems, Data Structures and algorithms, Software Design and Development, and SDLC Agile/Scrum

Good Knowledge of Cloud Computing: Amazon Web Services (AWS)

EDUCATIONAL DETAILS

B.Tech, Computer Science and Engineering	2019 - 2023	Jyothishmathi Institute of Technology and Science	7.5 CGPA
Intermediate, MPC	2017 - 2019	Sri Chaitanya Junior College	93%
High school	2017	Jawahar Vidhya Mandir	93%

PROJECT WORKS

Modern Farming Using Machine Learning (HTML, CSS, JS, and Python)

- The website provides a modern approach to farming and increases farmer's crop yield by utilizing machine learning algorithms and data-driven solutions. The system provides 3 insightful predictions:
 - Crop recommendation: Suggest the ideal crop by assessing the soil's nutrients NPK values.
 - Fertilizer suggestion: Identify the excess or deficiency of nutrients for your desired crop.
 - Disease Detection: Upload an image of a leaf. It detects the disease of the plant
- github link: <https://github.com/arunperala/Modern-Farming-using-MachineLearning>

New Fashions.in - Web Store (HTML, CSS, and JavaScript)

- Created a user-friendly and attractive web application for my Uncle's Sherwani cloth store by using various CSS and Bootstrap attributes like hover and animations.
 - The site consists of 5 Sections - Home Page, Features Page, Services Provide, Testimonials, and Reach Us
- Live Demo: <https://arunperala.github.io/Newfashions>

ACHIEVEMENTS AND CERTIFICATIONS

- Achieved 1st Prize in Coding contest at National Level Technical Symposium (sRjanA NIRMAAN 22) and rewarded with a cash prize of 5000/- | [Certification Link](#)
- Cloud Computing and AWS Certification from Preplnsta Prime | [Certification Link](#)
- Problem-solving and Python Certifications from HackerRank | [Certification Link](#)

STRENGTHS

- Problem-solving skills
- Team collaboration
- Analytical skills
- Desire to Learn New Technologies