Suvarna Yarramreddy
Undergraduate

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EDUCATION

- **Shri Vishnu Engineering College For Women, Bhimavaram, India** — 2022 – 2026
  Bachelor of Technology (Artificial Intelligence and Machine Learning) — CGPA: 9.25 / 10.0
- **Oxford Junior College,Ravipadu** — 2020 – 2022
  Intermediate (MPC) — Percentage: 96.9%
- **Andhra High School,Narasaraopet** — 2019 – 2020
  Secondary School Certificate (SSC) — Percentage: 95.6%

PROJECTS

- **Research and Development Portal** — Duration: 1-2 months
  - **Role:** Team Lead & Backend Developer.
  - **Description:** Developed a centralized web portal to manage faculty research contributions, reducing manual workload by 40% and improving data consistency by 25%.
  - **Responsibilities:**
    * Led a team of 4 members to design and implement the portal.
    * Developed the backend using Node.js and Express.js, and integrated Firebase for real-time database management.
    * Ensured seamless communication between frontend (ReactJS) and backend systems.
  - **Technologies Used:** ReactJS, Bootstrap, Node.js, Express.js, Firebase
- **Handwritten Digit Recognition using SVM in Scikit-learn** — Duration: 4 days
  - **Role:** Data Collection & Model Building.
  - **Description:** Built a digit recognition system achieving 90% accuracy, reducing errors by 30% in a simulated postal service environment.
  - **Responsibilities:**
    * Collected and preprocessed a dataset of 10,000 handwritten digit images.
    * Built and trained an SVM model using Scikit-learn for digit classification.
  - **Technologies Used:** Python, Scikit-learn, NumPy, Matplotlib, Seaborn

SKILLS

- **Technical Skills**
  - **Programming Languages:** C, Python, Java.
  - **Full-Stack Development:** HTML, CSS, ReactJS.
  - **Data Science & Analysis:** NumPy, Pandas, Matplotlib.
  - **Databases & Tools:** MySQL, Firebase, DBMS, VS Code, Git.
  - **Core Skills:** Data Structures and Algorithms.
- **Personal Skills**
  - Self-Motivation, Teamwork, Adaptability, Time Management.

PROFILES

- **LeetCode:** leetcode.com/u/Suvarna_yarramreddy/
- **HackerRank:** hackerrank.com/profile/22b01a42c0
- **CodeChef:** codechef.com/users/suvarna_4

CERTIFICATES

- **Java Programming:** NPTEL, Oracle Academy. 🔗
- **Certified Smart Coder (Silver):** Smart Interviews, 2024 (Global Rank: 4063/40531). 🔗
- **Database Foundations:** Oracle Academy. 🔗

INTERNSHIPS

- **Full Stack Development Intern - Skill Dzire**
  Developed dynamic web applications, integrating backend and frontend systems. Gained hands-on experience in Java and modern web technologies.
  Duration: May 2024 – June 2024