

SUDHULA HEMANTH KUMAR

College Graduate | Aspiring Software Engineer

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SUMMARY

Motivated and detail-oriented graduate in Mechanical Engineering with a passion for software development and web technologies.

Seeking an entry-level software engineering role to apply technical knowledge and hands-on experience.

Eager to contribute to dynamic teams and grow as a professional in the tech industry.

EDUCATION:

Bachelor of Technology in Mechanical Engineering

DVR & HS MIC College of Technology | SEPTEMBER 2022 - APRIL 2025 CGPA: 7.20

Diploma in Mechanical Engineering

DVR & HS MIC College of Technology | JULY 2019 - APRIL 2022 Percentage: 73.23

TECHNICAL SKILLS

- **Languages:** Core Java, OPPS

- **Web Technologies:** HTML, CSS, JavaScript, React.js

INTERNSHIPS & CERTIFICATIONS

Acharya Institution | AutoCAD Internship

December 2021 - May 2022

- Gained experience in 2D and 3D CAD designing.
- Designed components such as knuckle joints, gears, shafts.
- Understood dimensions, tolerances, and industry standards.

APSSDC | CATIA Certification

August 21/2024 - August 26/2024

- Learned 3D modeling, part drawing, and assembly using CATIA.
- Completed multiple design and assembly tasks.

Internshala | ANSYS Certification

June 21/2024 - August 29/2024

- Studied Finite Element Analysis (FEA) using ANSYS.
- Conducted structural deformation and stress analysis.

PROJECT

Synergistic Effects of Strontium and Cerium on the Mechanical Properties of Al-Ni Alloys

- Explored how strontium and cerium influence the microstructure and strength of aluminum-nickel alloys.
- Measured properties such as density, Vickers microhardness, and tensile strength (YS, UTS, elongation).
- Achieved notable mechanical strength improvements: Yield Strength (270.7 MPa), UTS (375MPa).
- Concluded that combined strontium and cerium significantly enhance alloy properties.

Static Amazon Clone using HTML&CSS

- Developed a responsive front-end clone of Amazon's homepage using HTML, CSS, and Material Icons.
- Implemented features like a top navigation bar, search functionality UI, delivery location display, and product category sections.
- Structured assets and design elements to closely replicate Amazon's user interface for enhanced user experience simulation.

DECLARATION

I hereby declare that the information provided is true and correct to the best of my knowledge and belief.

Date:9-10-2025

Signature: S. Hemanth Kumar

