PUJARI MANOHA

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CAREER OBJECTIVE:

Aspiring Mechanical Engineer with a strong foundation in software development, seeking to contribute to innovative projects in product design, automation, or embedded systems using tools like Python, AutoCAD, and CATIA. Adept at applying mechanical principles and programming skills to real-world challenges.

EDUCATION QUALIFICATION:

Qualification	University/Board	Year Of Passing	CGPA
B Tech (MECH)	JNTUK	2022-2026	7.15(up to 3-1)
Intermediate	BIE	2020-2022	6.3
S.S.C	SSC	2019-2020	8.0

TECHANICAL SKILLS:

- ➢ **Technical skills:** AutoCAD, CATIA, 3D Printing, C, Python, HTML.
- ➢ **Knowledge-Based Skills:** Thermodynamics, Fluid Mechanics, Manufacturing Processes.
- ➢ **Functional Skills:** Teamwork, leadership.
- ➢ **Transferable Skills:** Communication, Problem solving.

WORKSHOPS:

- ➢ **ADDITIVE MANUFACTURING:**   **(5/2/2024 to 9/2/2024)**
  "Strategies for Enhancing Surface Integrity, Mechanical Properties and Minimizing Residual Stress in Additively Manufactured Components". Organized by Dept. of Mechanical Engineering, NMAM Institute of Technology, Nitte in association with National Centre for Additive Manufacturing (NCAM).
- ➢ **CREO SOFTWARE:**   **(10/2/2025 to 14/3/2025)**
  "Under Entrepreneurship Skill Development Program (E-SDP) Scheme Sponsored by MSME Government of India on CREO   Software". Organized by Dept. Mechanical Engineering RAMACHANDHRA COLLEGE OF ENGINEERING.

HACKATHONS:

- ➢ **SMART INDIAN HACKTHON**
  Theme: SMART EDUCATION- Participated in the national-level Smart India Hackathon, focusing on innovative solutions for enhancing education using technology.
- ➢ **MSME PROPOSAL**
  Theme: Venom Shield: Smart Wearable for Farmer Safety- Participated in Smart India Hackathon under MSME theme, developed a tech-based solution for enhancing farmer safety.
- ➢ **AI FOR INDIA HACKTHON 2025**   **(31/5/2025 to 1/6/2025)**
  Successfully participated in the national-level AI for India Hackathon organized by THINKMATES, in association with LYZR, Hyderabad Data & AI Community, MATH, and COIGN. Gained hands-on experience in problem-solving, **AI** tools, and collaborative software development

INTERSHIPS:

- **Online Internship – CATIA Basics** **(June 2024-July 2024)**
  Andhra Pradesh State Skill Development Corporation (APSSDC)
  Completed hands-on training in CATIA software fundamentals including sketching, part modeling, and basic assembly design.
- **Online Internship – Additive Manufacturing & 3D Printing** **(240 hrs. 9th July 2024)**
  Indian Institute of E-Commerce (under APSCHE)
  Gained foundational knowledge in 3D printing technologies and additive manufacturing processes.

SEMINARS:

- **THEME: BIO DIVERSITY** **(24th January 2025)**
  Participated in a National Level Seminar conducted during 'yoUR' Fest at Usha Rama College of Engineering and Technology.
- **Participated in Seminar on Space Technology and Astrophysics:** **(13th October 2024)**
  Organized by Dept. of ECE, Ramachandra College of Engineering.
  Presented a PowerPoint on advancements in space technology and astrophysics.

PROJECTS

- **MECHANIZERS 1.0** **(Oct 2023 - Apr 2024)**
  ROLE: Go-Kart Designer
  Worked as a designer in a Go-Kart project. I designed the chassis and other parts using CAD software. Focused on safety, strength, and proper fitting of parts. Helped the team build the Go-Kart based on the design.
- **MECHANIZERS 2.0** **(Jan 2025 – April 2025)**
  ROLE: Go-Kart Fabrication
  Actively involved in the fabrication process of a go-kart, contributing to chassis construction, assembly, and overall mechanical integration as part of a team-based engineering project.
- **PIPE DESIGNING** **(24/03/2025-29/03/2025)**
  Designed an efficient water treatment piping system, focusing on optimal layout, flow management, and safety standards to support clean water distribution.

CERTIFICATIONS

- "C for everyone" from Coursera
- Basics of Python from Infosys Spring Board
- Mastering Python from Infosys Spring Board
- Python Programming and SQL from EXCELR
- Introduction to HTML from Simplilearn
- Introduction to Cloud computing from Simplilearn
- 3D Printing Essentials: From Design to Reality from EDX.
- Web Development from aajhub
- Introduction to CSS from Simplilearn
- Introduction to Google Cloud Platfrom from Simplilearn
- Python from Hacker Rank

EXTRA-CURRICULAR ACTIVITIES

- **Parichay-23:**
  Received Certificate of Appreciation for outstanding organizing skills in Parichay-23 event at Ramachandra College of Engineering.
- **Startup Expo 2.0:** (4th November 2023)
  Actively participated in Startup Expo 2.0 organized by NIT Andhra Pradesh

ACHIVEMENTS

- **BEST BUSINESS PLAN AND BEST INNOVATION:**
  In **MECHANIZERS 1**.0 I worked as a designer in a Go-Kart project. I was responsible for designing the chassis and other parts. Our team won the **Best Business Plan** and **Best Innovation** awards for our creative design, planning, and technical approach**.**
- **BEST TEAM SPIRIT:**
  In **MECHANIZERS 2.0** I Worked on the fabrication of a go-kart; team won the **Best Team Spirit Award** for outstanding teamwork and collaboration.
- **CLASS FIRST:**
  Achieved 1st Rank in 2nd Year 1st Semester based on academic performance, demonstrating consistent excellence and subject mastery.

PERSONAL INFORMATION

ADDRESS: S/O P. Venkanna babu, D. No-2-120, Galayagudem,

 Denduluru, West Godavari, Andhra Pradesh-534450

DATE OF BIRTH: 12-01-2004

LANGUAGES KNOWN: Telugu, English, Hindi

NATIONALITY: INDIAN

DECLARATION

All the above information is correct up to my knowledge and I bear the responsibility of the correctness.

Place: **Signature**

Date: