

VELANCIA SANTAMARIA

☎ 8867215094

✉ velanciasantamaria@gmail.com

🏠 MURGOD PLOT, STATION ROAD KHANAPUR – 591302, BELAGAVI, KARNATAKA, INDIA.

CAREER OBJECTIVE

Mechanical Engineering student seeking a role in design and manufacturing, leveraging skills in CAD, thermodynamics, materials science, and mechanical design to contribute to innovative engineering solutions.

EDUCATION

BE in Mechanical Engineering, Visvesvaraya Technological University Belagavi.	Sept 2023 – Sept 2027
CGPA: 6.96 / 10 KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI	
12th / PUC , Karnataka School Examination and Assessment Board	2023
Percentage: 81.82% KLS GOGTE COLLEGE OF COMMERCE AND SCIENCE, BELAGAVI	
10th / SSLC, Karnataka School Examination and Assessment Board	2021
Percentage: 84.64% SARVODAYA VIDHYALAYA ENGLISH MEDIUM HIGH SCHOOL, KHANAPUR	

SKILLS

- **CAD:** AutoCAD, CATIA V5, Fusion 360, 3DEXPERIENCE
- **Manufacturing:** Lathe and CNC machining (basics), FDM 3D printing
- **Programming:** Basic C Programming, Python
- **Engineering:** Material Science, Strength of Materials, Fluid Mechanics and Thermodynamics (basics)
- **Tools:** MS Word, PowerPoint, Excel
- **Soft Skills:** Communication, Teamwork, Problem Solving, Time Management, Quick learning ability.

ACADEMIC PROJECTS

- **Optimization of Surface Finish of 3D Printed Parts (Mini Project):** Applied Taguchi DOE and ANOVA to optimize FDM 3D printing parameters.
- **Biomechanical Design and Optimization of TPU-Based 3D Printed Lattice Insoles Using FDM for Enhanced Plantar Pressure Distribution**(Major Project): on-going

CERTIFICATIONS

Paper presentation: Avalanche at KLS GIT (2024 and 2025), Sawishkar at JGi (2025), Yukti at VTU (2026), MATLAB Fundamentals, MATLAB Onramp, **TTL Ready Engineers Program by** Tata Technologies Corporate Social Responsibility (CSR), **Skill lab:** Robotics, Heat Treatment, 3DExperience (CIDI), Robotics and CNC.

INTERNSHIP

Intern – Pegasys Machines Pvt. Ltd., Belagavi (4 Weeks)

Observed **automatic shaft straightening, CNC machining, lathe and milling operations** in the production workflow. Assisted in inspection and quality checking of machined components.

ACHIEVEMENTS

- Winner of **National level Hackathon SugarNXT** powered by Hack2skill - Converting Flue Gas Waste into Process Energy, 2026
- Winner of **Poster Presentation:** Digital Twin of Medical Device - BITS Pilani, 2026
- Participated in Robo Soccer Workshop-cum-Competition in KLS GIT Belagavi, 2024

EXTRACURRICULAR ACTIVITIES

Content Writer - ASM (American Society for Metals), KLS GIT, **Volunteer** – NSS Unit-2 KLS GIT
Languages: English, Hindi, Marathi, Konkani, Kannada(Basic)
Hobby: Music(Keyboard), Singing(Choirs), etc.