

KHAIRUL MATEEN KITTUR

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CAREER OBJECTIVES

Mechanical Engineering student with a strong interest in design and core engineering, currently developing skills in CAD and 3DEXPERIENCE. Seeking an opportunity to begin a career as a Design Engineer and contribute to innovative engineering solutions.

EDUCATION

Secondary Education | ST Xavier's High School, Belagavi Karnataka | 2011 – 2021 |

Percentage: 77.06%

Diploma | Government Polytechnic, Belagavi Karnataka | Diploma in Automobile Engineering |
2021 – 2023 |

CGPA: 9.62

Undergraduate | KLS Gogte Institute of Technology | Bachelor of Mechanical Engineering 6th Sem
(3rd Year) | 2023 – 2027 |

CGPA: 7.66 (3rd - 5th Semester)

TECHNICAL SKILLS

Core Engineering: Fundamentals of Thermodynamics · Fluid Mechanics · Mechanics of Materials · Basic Machine Design

Design Tools: CAD · Solid Edge · Fusion 360 · CATIA · 3DEXPERIENCE Platform

Analysis Tools: ANSYS (Basic) · CFD Fundamentals

Programming: Python (Beginner Level)

SOFTWARE & DESIGN SKILLS

Solid Edge · Fusion 360 · CATIA · 3DEXPERIENCE Platform · ANSYS (Basic) · Python (Beginner) · Canva · MS Office.

SOFT SKILLS

Communication · Problem Solving · Critical Thinking · Teamwork · Quick Learner · Adaptability.

INTERNSHIP EXPERIENCE

Mahindra First Choice Services, Sutaria Auto Centre, Belagavi

Automotive Service Intern | Duration: 300 Hours

- Gained hands-on experience in automobile servicing, inspection, and basic diagnostics.
- Developed understanding of vehicle systems including engine, transmission, braking, and suspension.
- Assisted in identifying and troubleshooting mechanical issues under supervision.

Jina Bakul Forge Pvt. Ltd., Belagavi

Production / Forging Intern | Duration: 30 Days

- Gained exposure to end-to-end forging processes from raw material to final dispatch.
- Observed manufacturing of bearing components including heating, forging, and finishing operations.
- Developed basic understanding of shop floor practices and quality control.

PROJECTS

Vehicle-to-Grid (V2G) and Vehicle-to-Home (V2H) Bidirectional Charging System

- Studied a bidirectional charging system enabling energy flow between EVs, homes, and the power grid.
- Explored integration of EV batteries with home systems during power outages.
- Developed understanding of load balancing and smart grid applications.

Study on Phase Change Materials (PCM)

- Conducted a study to analyse thermal behaviour of phase change materials under varying conditions.
- Observed heat transfer characteristics and energy storage during phase transitions.
- Gained basic understanding of thermal energy storage systems.

CERTIFICATIONS

3DEXPERIENCE Platform · CATIA · Solid Edge · AutoCAD · CFD (Fundamentals)

NPTEL — Fundamentals of Artificial Intelligence.

Internship — Mahindra Sutaria, Jina Bakul Pvt. Ltd.

ACHIEVEMENTS

- Successfully completed internships in automotive servicing and forging industry, gaining practical industrial exposure.
- Acquired hands-on experience in CAD tools and engineering software through continuous learning.
- Completed certifications in design and analysis tools including CATIA, Solid Edge, and CFD fundamentals.