



# SAIRAJ BAMBARKAR

Engineering & IT Services

- (+91) 9082825078
- bambarkar.sairaj@gmail.com
- linkedin.com/in/b-sairaj-in
- Navi Mumbai, India

## PROFILE

Mechanical Engineer with 3 years of experience delivering technological solutions by bridging engineering principles with IT, utilizing software-driven systems to support global clients. Aspiring to leverage engineering expertise to drive innovation and integrate technology.

## WORK EXPERIENCE

**Deputy Manager – SAP MM & Data Management**  
Kirkoskar Brothers Ltd. | Baner, Pune, India | 02/2024 – 02/2025

- Led SAP MM operations for a UK manufacturing plant, optimized procurement, inventory, supply chain processes, and enhancing SAP VC models for improved BOM accuracy and pricing consistency.
- Implemented master data governance strategies, boosting team productivity by 50%, refining LSMW models to achieve 98% data accuracy, and reducing data cleanup efforts by 40%.

**Associate – Knowledge Engineer**  
Sulzer Tech. India | Airoli, Navi Mumbai, India | 02/2022 – 01/2024

- Configured global product offerings in CPQ/CRM systems for Finland operations, improving quoting processes and streamlining pricing structures.
- Developed automation scripts, saving around 10 hours per week and reducing manual errors, while utilizing high-precision SQL queries for database updates, boosting system productivity by 20%.

## KEY ACHIEVEMENTS

- Efficiency Improvement: Instituted XML-based update system for cross-product compatibility, tripling processing speed and reducing manual errors by 40%.
- BI Enhancement: Designed Excel-based reports and interactive dashboards to analyze daily user activities using RPA-like tools, improving insight-driven decision-making by 30%.
- Digitization: Created a VBA-based automation tool to facilitate upcoming updates, saving 80% time while reducing manual efforts.

## ATTRIBUTES & CORE COMPETENCIES

- ERP Optimization: Leveraged SAP and CPQ systems to extract, analyze, and optimize procurement and configuration data for process improvements.
- Automation & Scripting: Built custom automation tools using XML, VBA, and SAP ABAP, and explored AI-based scripting to enhance data transformation.
- Data Analytics: Developed dashboards and reports to support strategic decision-making by integrating machine learning for predictive analytics. Familiarity with Power BI/Tableau for data visualization and dashboard development.
- Simulation Insights: Applied FEA results from CAE software to verify design performance and incorporate findings into metrics-driven design upgrades.
- System Integration: Contributed to SAP S/4HANA migration and cross-module integrations, enabling data-driven workflows with modern tech stacks.

## ACADEMIC HIGHLIGHTS

- Completed a CAE internship at ELEATION in 2021, where I performed geometry editing, meshing, and FEA using HyperWorks, and presented findings in a technical report with 100% task completion.
- As an Engineering Intern at VE Commercial Vehicles Ltd. in 2019, refined technical drawings and testing procedures by developing AutoCAD models using generative design tools, achieving 15% faster assembly line throughput.
- Volunteered with the ISHRAE committee, contributing to social events and community engagement initiatives.

## EDUCATION

- Bachelor's Degree**  
[Mechanical Engineering]  
University of Mumbai  
2021 || Grade: 7.5 CGPA
- H.S.C.**  
Shree T.P. Bhatia Jr. College  
2017 || Grade: 77.38%
- S.S.C.**  
Swami Vivekanand Int. School  
2015 || Grade: 93.80%

## SYSTEM SKILLS

- Microsoft Office  
(Excel, Word, PowerPoint)
- SAP MM / ERP software
- SAP VC
- CPQ software
- VBA (Excel Macros)
- SQL, XML, Python
- CAD / CAM / CAE
- MATLAB

## PLATFORM SKILLS

- SAP LSMW
- BOM Management
- VC Model Creation
- Variant Pricing Strategies
- Product Configuration
- Process Automation
- Data Analysis & Reporting
- Business Intelligence (BI)
- Dashboard Development

## CERTIFICATIONS

- SQL and RDBMS 101
- Python: Mastering Essential
- Python: Data Structures
- Autodesk Fusion 360
- Altair HyperWorks  
(FE Analysis)
- Reliability Engineering

## LANGUAGES

- English : Proficient
- Hindi : Proficient
- Marathi : Proficient