

# MANEESH KONIDENA

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## CAREER OBJECTIVE

Dedicated and skilled Design Engineer with extensive experience in mechanical product design, development, and analysis. Proficient in CAD tools such as NX, CREO, and Teamcenter PLM, with expertise in GD&T, plastic product design. Committed to delivering high-quality engineering solutions and driving continuous improvement in design and development projects.

## EDUCATION

Qualification	Board/University	Year of Passing	Percentage /CGPA
B.Tech (Mechanical Engineering)	Sree Vidyanikethan Engineering College, JNTUA University	2021	8.4
Intermediate	Narayana Junior College, Nellore, Board of Intermediate Education	2017	96.9%
S.S.C	V.B.R English Medium High School, Nellore, SSC Board AP	2015	9.7

## PROFESSIONAL EXPERIENCE

### Engineer, L&T Technology Services, Chennai

(11/2021 – 04/2024)

- Spearheaded the design and development of various types of radiators and heat exchangers, demonstrating expertise in thermal management solutions.
- Proficiently utilized CAD software (UGNX) to produce detailed 3D and 2D drawings, adhering to geometric dimensioning and tolerancing (GD&T) standards, ensuring precision in design.
- Executed Engineering Changes (ECs) in designs and drawings in response to feedback from bridge engineers, ensuring alignment with project requirements and standards.
- Developed comprehensive Global Bills of Materials (GBOM) for radiator and heat exchanger components, optimizing procurement processes and ensuring consistency in product assemblies.
- Orchestrated the arrangement of assemblies and sub-assemblies for different types of radiators, conducting thorough fit and function assessments before and after Engineering Changes, ensuring product quality and performance.
- Demonstrated adaptability by accommodating customer requirements, overseeing changes and release processes through Product Lifecycle Management (PLM), ensuring customer satisfaction and compliance with project specifications.

### Program Analyst Trainee, Cognizant Technology Solutions, Bengaluru

(10/2021 - 11/2021)

- Trained in SQL, HTML, and .NET to support software development and data management tasks.
- Gained hands-on experience in writing SQL queries, managing relational databases, and performing data analysis.
- Documented technical processes and project activities to ensure knowledge transfer.
- Created user manuals, system documentation, and reports for future reference.

## **AWARDS AND ACHIEVEMENTS**

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- Certificate on CNC Turning by APSSDC in the year 2019.
- Certificate on Principles of Metal forming conducted by NPTEL.

## **ACADEMIC PROJECT**

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### **Design and Development of a Self-Service Facility for a Family Car**

**Duration:** March 2021 - July 2021 | **Team Size:** 4 Members

- Designed a self-service facility for family cars under the Industrial Engineering stream as part of the Facilities Planning curriculum.
- Identified user-changeable components in family cars and developed a solution to provide users with access to necessary tools, spare parts, and service manuals.
- The project aimed to enable users to self-service their cars, reducing dependency on service centers, thus saving both time and cost.
- Applied problem-solving and design thinking principles to create an efficient, user-centric solution.

## **TECHNICAL SKILLS**

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- Design Software: UGNX, Creo, Teamcenter, SQL, CATIA (basic)
- Design Techniques: GD&T, 2D Cross-Sections, Assembly Drawings, Reverse Engineering
- Product Knowledge: Heat Exchangers, Radiators, Condensers

## **DECLARATION**

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

Maneesh Konidena  
(Signature)