

# BALA KUMAR P

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ptbalakumar08@gmail.com

Chennai, Potheri

Indian

## SKILLS

- Design 3D&2D Tools:** Caida V5 , Solidworks, Autocad For 3D Modeling, part modeling, assembly, surface modeling, sheet metal design, weldments, GD&T, Boolean operations, and 2D drafting.
- CNC Operation:** Turning-Fanuc, Siemens, Fanuc.
- Manufacturing:** Aerospace & Automotive components, Assembly
- Documentation:** MS-Office, Excel , Microsoft Word, Power point.

## EDUCATION

### DESIGNING COURSE (ONGOING)

Pumo Technology, Chennai – Presently pursuing advanced training in design tools (CATIA V5, Cero, AutoCAD, and related software).

### B.E MECHANICAL (PURSUING)

Aarupadai Veedu Institute Of Technology Collage Chennai

2022-2026

### DIPLOMA IN MECHANICAL

Valliammai Polytechnic Collage in SRM Univercity

2013-2016

### SSLC

Guduvanchery, Bharathiyan Metriculation Metriculation Higher Sec School  
2013

## LANGUAGES

English

Tamil

## PROFILE

DOB - 08-08-1997  
Nationality - Indian  
Married Status - UnMarried

## PROFILE

Skilled in CATIA V5, SolidWorks, and AutoCAD for creative and accurate design work. Proficient in CNC programming, machining, and GD&T, ensuring precision and manufacturability to global standards. Experienced in teaching CNC operations and special machining, and in supporting projects and research activities. Committed to product design, process improvement, and quality manufacturing, with a focus on innovation, technical growth, and organizational success.

## WORK EXPERIENCE

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY** 2023 - Present

### Technical Assistants

- Provided technical expertise in consultancy and research projects.
- Trained students in CNC operations (turning, milling, conventional lathe).
- Guided scholars in project execution and research completion.
- Applied Mastercam and AutoCAD for precision design and teaching support.

**PMI GLOBAL TECHNOLOGY**

2019-2023

### Operator

- CNC Machine Operator and Assembly Technician, PMI Global Technology (Aerospace)
- Proficient in CNC machine operations, specializing in turning and milling.
- Performed high-precision machining to meet aerospace standards and specifications.
- Contributed to the assembly department, ensuring accurate assembly of aerospace components.
- Maintained strict quality control and adhered to safety protocols to ensure product integrity.
- Collaborated with team members to optimize workflow efficiency and consistently meet production deadlines.

**SRM TECHNOLOGIES PRIVATE LIMITED**

2017-2019

### Assembly Technician

- Contributed to the assembly of embedded systems components, ensuring precision and quality.
- Proficiently assembled motherboard electrical components for embedded systems, ensuring adherence to technical specifications and quality standards.