

ROLL NUMBER: P25700194**Harsha Varthan Gurusamy**
Male**DOB**

13-Sep-2001

TECHNICAL SKILLS

- AutoCAD
- MS Office
- MS Project
- Primavera
- Revit
- MS Excel
- Power Query

PERMANENT ADDRESS

76, Main Road, Govindanagaram
City: Theni
State: Tamil Nadu
Pincode: 625517

LANGUAGE

- English
- Telugu
- Tamil

SUMMARY OF QUALIFICATION

Course / Programme	Board / University Name	CGPA/ (%)	Passing Year
MBA-ACM	NICMAR University, Pune	8.44	2027
Graduation	COIMBATORE, TAMILNADU	84.8	2023-Apr
Intermediate	STATE BOARD OF SCHOOL EXAMINATION (SEC.), TAMILNADU	79.4	2019-Mar
High School	STATE BOARD OF SCHOOL EXAMINATION, TAMILNADU	97	2017-Mar

WORK EXPERIENCE (2 Years 2 Months)**Yatzar Creations Private Limited**

01-Apr-2023 - 31-May-2025

2 Years, 1 Months, 30 Days**PROFILE:** Junior BIM Software Developer

- Delivered digital transformation solutions in an R&D startup by translating construction workflows into scalable BIM-based applications.
- Owned an end-to-end BIM application module, managing stakeholder requirements, solution design, and execution.
- Built data-driven BIM visualization tools enabling better project insights, cost analysis, and planning decisions.
- Collaborated with 5D BIM and domain experts to integrate quantity take-off and cost estimation workflows.
- Supported Digital Twin and Facility Management initiatives by linking BIM models with asset and operational data.

INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 8 Weeks)**M. Arunachalam Projects and Infrastructure Company Private Limited**

04-May-2026 - 01-Jul-2026

8 Weeks**PROFILE:** Construction Project Management Intern

- Automated material planning and procurement workflows using Microsoft Excel and Power Query, minimizing manual effort through data-driven automation.
- Integrated and transformed data from BOQ, Project Schedule, Activity Mapping, Material Coefficients, Store Records, and DCT into a centralized material planning model.
- Developed a schedule-driven material planning engine to estimate future material requirements using activity mapping and material consumption coefficients.
- Implemented procurement planning calculations including Lead Time, Buffer Days, Vendor Processing Time (VPT), Safety Stock, and Reorder Point (ROP) to support inventory decisions.
- Designed an interactive procurement dashboard providing recommendations on What to Order, How Much to Order, and When to Order based on projected demand and available stock.
- Documented workflows, business logic, and Power Query transformations to improve maintainability and facilitate knowledge sharing.

PUBLICATIONS DETAIL**Transport and Fate of Textile Wastewater Contaminants into Soil, Global NEST Journal, 2023.**

- Studied contaminant transport in soil and its environmental impact in agricultural regions near Tirupur, Tamil Nadu.

CERTIFICATION DETAIL

- AutoCAD Essential
- Ethics in Engineering Practice
- Introduction to Strategy Consulting (Job Simulation)

ACHIEVEMENT DETAIL

- Powerlifting: 4-State Gold Medalist and 1-State Gold Medalist (WPC); qualified for National-level competition.
- Martial Arts (Silambam): 1- National Gold Medalist and 2- State Gold Medalist.