

Civil Cheatscamp – What You Will Learn (90 Days)

Month 1 – Foundations & Software Skills

- **AutoCAD:** Basics, layers, annotations, floor plans, sections & elevations
 - **Revit:** Walls, floors, roofs, beams, columns, families, schedules
 - **Mini-Project:** Design a simple 2BHK floor plan
 - **Personality Skills:** Introduction to self-presentation & confidence
-

Month 2 – Intermediate Skills & Project Management

- **Project Management:** Gantt charts, resource allocation, critical path method (MS Project / Primavera)
 - **RCC & BOQ:** Structural basics, material estimation, costing
 - **Mini-Project:** Complete project estimation & presentation
 - **Personality Skills:** Communication, teamwork, presentation, LinkedIn & CV setup
-

Mini-Week – AI in Civil Engineering

- **Generative Design & Automation** in AutoCAD/Revit
- **Predictive Scheduling** in PM tools
- **AI Applications** in construction, safety, and planning
- **Mini-Project:** 3-slide AI demo project

Month 3 – Internship & Portfolio

- **On-Field Experience:** Site visits, construction management, real-world application
- **Portfolio:** Compile all projects, BOQs, Revit drawings, AI mini-project
- **Presentation Skills:** Final project presentation, reflection, professional communication
- **Final Certification:** Based on projects, internship, videos, and personality growth

Extra:

- Weekly videos and reflections
- Social media posts (LinkedIn/Twitter) to showcase your learning and journey
- Final 90-day journey video documenting your growth