

FEBA RAGHU

Civil CADD ENGINEER

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PROFILE SUMMARY

Industry-oriented Civil CADD Engineer and BIM Professional with strong hands-on expertise in delivering accurate, execution-ready construction drawings and BIM models using Revit, Civil 3D, AutoCAD, and Navisworks. Experienced in both technical training and site execution, with exposure to live projects, BIM coordination, and construction workflows. Passionate about mentoring engineering students and translating complex civil engineering concepts into practical, job-ready skills aligned with current industry standards. Demonstrates strong coordination, documentation, and quality-focused execution abilities.

HIGHLIGHTS

- Building Information Modeling (BIM)
 - Architectural & Structural Modeling
 - Clash Detection & Coordination
 - Construction Drawings & Documentation
 - Quantity Estimation (Basic)
 - Site Supervision & Execution
 - Quality Control & Safety Compliance
 - Project-Based Technical Training
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PROFESSIONAL SKILLS

- Analytical & Critical Thinking
- Accuracy & Attention to Detail
- Time & Work Management
- Communication & Presentation
- Professional Conduct & Collaboration
- Teamwork & Professional Conduct

TEACHING & ACADEMIC SKILLS

Instructional & Training Expertise

- Hands-on training in Revit Architecture, Structural, Civil 3D, and Navisworks
- Concept-based and project-oriented teaching methodologies
- Simplifying complex BIM and drafting concepts for student understanding
- Delivering theory-to-practical integrated learning sessions

Student Development & Mentoring

- Individual and group mentoring for engineering students
- Supporting students in live project modeling and assignments
- Identifying learning gaps and providing focused technical guidance
- Encouraging accuracy, discipline, and industry-ready work practices

Curriculum Planning & Delivery

- Preparation of structured lesson plans and training modules
- Development of course materials, notes, and practical exercises
- Alignment of training content with industry standards and workflows

Assessment & Academic Support

- Designing assignments, tests, and practical evaluations
 - Continuous assessment of student performance
 - Providing constructive feedback for technical improvement
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EDUCATIONAL QUALIFICATIONS

Bachelor of Technology (B.Tech) – Civil Engineering

APJ Abdul Kalam Technological University | 2020 – 2024

CGPA: 8.4

- Acquired strong fundamentals in structural design, construction technology, and project planning
 - Developed technical proficiency applicable to BIM, site execution, and construction documentation
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Diploma in QA/QC – Civil Engineering

Result: Second Class

- Gained knowledge of quality standards, inspection procedures, and compliance practices
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Diploma in Measurement & Cost Engineering

- Learned quantity take-off, estimation techniques, and basic billing procedures
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CERTIFICATIONS

- AutoCAD
 - Revit Architecture
 - Primavera P6
 - Lumion
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PROFESSIONAL EXPERIENCE

Civil CADD Engineer

CADD Centre, Kadappakkada | Sep 2024 – Present

- Conduct hands-on technical training for engineering students in BIM, Revit Architecture & Structural, Civil 3D, and Navisworks
- Developed industry-oriented BIM workflows and project-based training modules
- Assisted students with live project modeling, coordination, and clash detection
- Prepared training materials, assignments, and practical assessments
- Ensured students gain execution-ready drafting and modeling skills
- Actively contribute to improving training methodologies and practical learning outcomes

Civil Site Engineer

Sraddhtma Pvt Limited | Feb 2025 – Aug 2025

- Managed site activities for projects in Ernakulam and Kottayam
- Supervised construction works, labor management, and material tracking
- Prepared daily progress reports and coordinated with contractors
- Ensured quality control measures and site safety compliance
- Supported smooth execution of construction activities

Civil Site Trainee

Arcite School of Technical Education | Jun 2024 – Jan 2025

- Assisted senior engineers in site supervision and planning activities
- Gained practical exposure to construction methods and workflows
- Learned quantity estimation, billing, and drawing interpretation
- Developed foundational understanding of site coordination and execution

ACADEMIC PROJECT

Water Quality Analysis Using GIS Method

- Performed spatial analysis of water quality parameters using GIS tools
- Interpreted data for environmental assessment and infrastructure planning

LANGUAGES KNOWN

- English
- Malayalam
- Hindi