

# Aswin TR

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## PROFESSIONAL SUMMARY

Civil Engineering undergraduate with a passion for architectural and interior design. Skilled in CAD, Revit, SketchUp, and 3D modeling, with experience in drawing plans, elevations, and designing functional spaces. Knowledgeable in multimedia and basic programming, adaptable, and creative in delivering design solutions.

## EDUCATION

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|--|---------------------------------|
| <b>B.Tech in Civil Engineering (APJAKTU)</b><br><i>Vidya Academy of Science And Technology, Thrissur</i> | 2024 - Present<br>Kerala, India |
| <b>Diploma in Civil Engineering (SBTE)</b><br><i>Maharaja's Technological Institute, Thrissur</i>        | 2021 - 2024<br>Kerala, India    |
| <b>Class X (THSLC)</b><br><i>Technical High School, Thrissur</i>   | 2021<br>Kerala, India           |

## TECHNICAL SKILLS

**Software:** AutoCAD, STAAD Pro, Revit, SketchUp

**Project Management:** MS Project, Primavera P6

**Data Analysis:** MS Excel, MATLAB, GIS

**Advanced Skills:** BIM (Building Information Modeling), Programming for Civil Engineering

**Programming Languages:** Python, HTML, CSS, React.js

**Multimedia:** Graphics, Post-Production, 3D Design, UI/UX

## PROJECTS

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| <b>Socio Economic construction practice by creating data interface for common people</b><br><i>An approach to cost effective construction methodology</i>  | 2024<br><i>AutoCAD, Revit, Excel, React.js</i> |
| An interface to assist users in planning housing projects according to their specific budget, enabling them to select materials and estimate the total cost of building.<br><br>Researched and proposed a low-cost housing solution utilizing eco-friendly and locally available materials to address financial difficulties in construction, without compromising on quality. |  |

## WORK EXPERIENCE

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|--|--|
| <b>Dam Inspection Intern</b><br><i>Chimini Dam (Onsite)</i>  | may 2025<br><i>Thrissur, Kerala, India</i> |
| Learned about dam components and maintenance procedures.<br><br>Surveyed earth and masonry dam sections to assess settlement and distress.<br><br>Gained hands-on exposure to sluice and spillway gate operations. |  |

  

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|--|---|
| <b>Road Surveying Intern</b><br><i>Vadakamcheri Block (Onsite)</i>   | June 2024<br><i>Thrissur, Kerala, India</i> |
| Conducted road surveying using auto level for road extension and pipeline alignment.<br><br>Prepared plans from surveyed values and assisted in field-to-office data transfer. |   |

## **CERTIFICATIONS & ACHIEVEMENTS**

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Autodesk AutoCAD - CAD Space

Autodesk Revit - CAD Space

Interior Designing - CAD Center

## **DECLARATION**

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

Place: Thrissur

Date: 25 Oct 2025

Signature: Sd/-  
Aswin TR