



ALESSANDRO ANIL MATHEW

CIVIL ENGINEER

ABOUT

To excel as a civil engineer and be part of a job that inspires and challenges me. I'm very interested in construction management, structural analysis and finding sustainable solutions in construction. I'm also a good team player and a leader who has led my team towards several victories across various national-level college events.

PROFESSIONAL SKILLS

- Planning in AutoCAD
- Structural Analysis in Staad Pro & ETABS
- Canoe Design in MAXSURF
- Project Management in MS Projects and Aadspro ERP
- Working Knowledge in C++, DaVinci Resolve
- Detailing in Aadspro
- Estimation in Estimax
- Preparation of BBS using Aadspro
- Optimization of Bars using Optimax

PERSONAL SKILLS

- Creative spirit
- Reliable and professional
- Organized
- Time management
- Team player
- Fast learner
- Motivated

WORK EXPERIENCE

ENGINEER

Aug '22-Sep '22

Enverte Consultancy

- To prepare feasibility reports for IGBC Accreditations.
- To provide optimum materials for constructions and interiors.

INTERNSHIP TRAINEE

July '22

CGL Geoinformatics

- To prepare borehole report.
- To test soil samples from various sites.
- Supervised SPT sites.
- Supervised DLT sites.

PROJECT MANAGER & HEAD OF CAD DESIGN

May '20 - May '22

National Concrete Canoe Competition 2022

- Responsible for designing the shape of the canoe.
- Responsible for the 3-D modelling and analysis of the canoe.
- Mentoring of software to the new team.
- Supervision of construction of mould at canoe itself.

INTERN - SITE SUPERVISOR

Jul '18 - Aug '18

Niya builders

- Supervised various houses.

EDUCATION

BACHELOR OF TECHNOLOGY (HON) - CIVIL ENGG.

May '18 - June '22

Saintgits College of Engineering

GPA 8.31

GRADE 12 ,CBSE

Mar '16 - Apr '18

Mar Dionysius School

90.2 PERCENTILE

GRADE 10 ,CBSE

Mar '16

Emirates National School

GPA 8.6

VOLUNTEERING

HEAD OF CITYSCAPES

Dec '21

Town Planning Event , Venustas 2021

- Responsible distributing work among members.
- Responsible for question for the event.

COMMITTEE MEMBER FOR SEVERAL EVENTS

Dec '20

Eternia National Level Fest

- Part of the design team for making posters and promotion of events.
- The subhead of CAD-Master, Prepared a question for the event.
- Member of Star of Eternia was responsible for organizing the event.

CERTIFICATIONS & AWARDS

Best Outgoing Student 18-22 Batch of Civil Engineering Department

Saintgits College of Engineering

What do Architects and Urban Planners do?

WitsX - eDX

Structural Materials: Selection and Economics

MITx - eDX

Glass in Buildings: Design and Application

IIT MADRAS - NPTEL

Integrated Waste Management for a Smart City

IIT KHARAGPUR - NPTEL

GATE 2022 Qualified

IIT KHARAGPUR

Designing for Greater Efficiency

EDGE

Several Awards for planning in National Level Technical Festivals

VIT, RV COLLEGE, NIT K& PEC

PROJECTS

EXPERIMENTAL STUDY ON BITUMEN COATED REBARS IN CONCRETE

June '22

Final Year Project

- To check the properties of bitumen coated rebars embedded in concrete.
- To check anti-corrosive nature.

GREEN WALL

Dec '21

Saintgits Nature Club

- To construct a wall using used plastic bottles by filling it using sand.

FORENSIC ANALYSIS OF CHAMPLAIN TOWERS SOUTH, MIAMI

Dec '21

Final Year Seminar

- This study revealed the major stressors which led to the collapse of the building.
- This study revealed the process done to find out the reason for the collapse.

PUBLICATIONS

FORENSIC ANALYSIS OF CHAMPLAIN TOWERS SOUTH, MIAMI

Aug '22

International Research Journal of Engineering and Technology

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