

# SUMAYYA J

CIVIL ENGINEER

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## CAREER OBJECTIVE

Seeking a career that is challenging and interesting, and lets me work on the leading areas of technology, a job that gives me opportunities to learn, innovate and enhance my skills and strengths in conjunction with company goals and objectives. Also to work in an environment that challenges me to improve and constantly thrive for perfection in all the tasks allotted to me.

## EDUCATION

2016 - 2020	<b>APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY,KERALA</b> CGPA -7.4
2016	<b>HIGHER SECONDARY PLUS TWO</b> 86%
2014	<b>HIGH SCHOOL</b> SSLC 89%

## EXPERTISE

- Exterior and interior design
- Strong professional work ethic
- Problem solving
- Drafting
- Technical skill
- Floor plans
- 3D modeling

## WORK EXPERIENCE

### 01. CIVIL ENGINEER December 2022 - October 2023

SAMANTO ASSOCIATES (P) Ltd  
Poyikayil ,KOTTARAKARA, KERALA  
INDIA

- Proficient Civil 3D user on civil design projects
- Create detailed 3D solid models based on concepts and sketches.
- Preparing drawings/documents as per the office requirements.
- Make sure all the works are executed as per the approved drawings & project specification. Ensure that projects are executed meeting the design, safety, and budget.
- Do continuous inspection at site to make sure all the works are done as per the QA/QC procedures
- Inspecting construction sites regularly to identify and eliminate potential safety hazards. Educating site workers on construction safety regulations and accident protocol to minimize work-related accidents and injuries. Handling site accidents in accordance with established accident protocol. liaising with clients and a variety of professionals including architects and subcontractors
- Compiling job specs and supervising tendering procedures
- Resolving design and development problems
- Managing budgets and project resources
- Scheduling material and equipment purchases and deliveries
- Strong Organizational skills

### 02. CIVIL DESIGN ENGINEER

NOVEMBER 2020 - OCTOBER 2022

VILAYIL INFRA DEVELOPERS  
KALANJOOR  
PATHANAMTHITTA. (DIST)  
KERALA ,INDIA

- Manage production of full sets of contract documents .
- Create and revise detail drawings (MEP).
- Direct or participate in surveying to lay out installations and establish reference points, grades and elevations to guide construction

## HOBBIES

- 3D Modeling
- Listening music

## SKILLS

- AUTO CAD
- REVIT ARCHITECTURAL
- 3DS MAX + VRAY
- MS OFFICE
- QUANTITY ESTIMATION

## HIGHLIGHTS

- Ability to motive and rapidly build good relationships
- Patience
- Effective marketing
- Good communication
- Good manners
- Confident and determined
- Project management
- Ability to copup with different situations

## LANGUAGE

English

Malayalam

Hindi

Tamil

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- Creating designs and blueprints along with a team of other engineers and drafters, usually with the assistance of computer software.
- Making modifications to existing designs or products, to improve their performance or to integrate new technology.
- Calculating various factors to ensure that the design will realistically be possible.
- Often working closely with the client and site team to integrate new improvements into designs and with the quality assurance team to ensure that required quality standards are adhered to.

## EXPERIENTIAL LEARNING (SUMMER INTERNSHIP PROGRAM)

### • KALLADA IRRIGATION PROJECT

Thenmala, Kollam

Detailed study on step by step operation procedures for ensuring that the dam is safely operated frequently and properly maintained

### • NON DESTRUCTIVE TESTING WORKSHOP

Demonstration and eperimentation using different techniques of NDT. Provide valuable insight to identify the welding defects using NDT method and hands on experimentation of NDT method.

### • HANDS ON SESSION ON SURVEY

### • CAMP 3D PRINTING

## PROJECT AND SEMINAR

### PROJECT

#### USE OF WASTE PLASTIC IN FLEXIBLE PAVEMENT ROAD CONSTRUCTION

Waste plastics and polypropylene which has been used as a modifier by an amount of 1,3 & 5 percentage by weight of bitumen in making bituminous mixture for pavement application, which increases stability, resistivity and capacity of pavemant.

### SEMINAR

#### STRENGTHENING OF PAVEMENT USING GEOTEXTILE

Use of geotextiles in asphalt concrete overlays on roads and separation and reinforcement/stabilization of roads. In the pavement system, geotextiles act as a stress-relieving layer between the pavement and overlay, reducing cracks and acting as a moisture barrier