

# RESUME



**Partha Sarathi  
Chowdhury**  
Director  
(2017 TO TILL DATE)  
BIM United Consultancy Pvt. Ltd.  
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**Permanent Address: -**

Vill. & P.O.: - Jagadalla.  
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INDIA

**Personal Data:**

Date of Birth: 10-10-1986  
Marital Status: Married  
Languages: English, Hindi,  
Bengali

## Summary

- Resources Management, Project Management, Quality Checking, Time estimation for BIM services, Work Sharing.
- Collaboration between Stakeholders, Client & Resources to aces in process of co-ordination.
- Implementation of Augmented Reality in BIM.(Basic Level)
- Qualified BE Mechanical Engineer with almost 12 years of experience in Drafting, Detailing, 3D Modeling & Coordination.
- Exposure in working in projects of various verticals covering Commercial, Pharma, Healthcare, Residential and Industrial buildings in multi-cultural environment.

## Organizational Achievement

- Ambassador in NNE for year 2016
- Ambassador in NNE for year 2017

## Technical Skill

Auto CAD – 07 TO 21  
Revit – 09 TO 21  
Navis Works-05 TO 20  
Recap 360 Pro. - 2017.  
Point Cloud Scanning.  
Joist Modeler  
Unity  
CAD PIPE COMMERCIAL.  
LUMION.  
PCon planner 6

## Technical Literacy

Certificate course in computer Application with Auto CAD.

## Technical Qualification

- Diploma Engineering – KGEI (2006-09)
- BE in Mechanical -Almighty Institute of Management & Technology (2013-2016)

## Academic Record

Higher Secondary (12<sup>th</sup>). - 1<sup>st</sup> Div. 67.7%  
Secondary (10<sup>th</sup>). - 1<sup>st</sup> Div. 79.5%

## Current Work Experience

**Organization:** - BIM United Consultancy Pvt. Ltd.

**Designation:** - Director

**Duration:**- June-2017 to till date

### Major Projects Details

Sl. No.	Project Name	Location	Type	Scope of Work	Status	Area /Length
1	GWP	USA	Residential	MEPF	Completed	15,000 Sq. MT
2	Marassi Mall	Bahrain	Commercial	MEPF	Completed	1,60,000 Sq. MT
3	Clinic	Kazakhstan	Medical Clinic	MEPF	Completed	1500 Sq.mt
4	Iron Ore Beneficiation Plant	Kazakhstan	Industrial	STR, ME	Completed	35 Acer
5	Gaurav Glass Plant	INDIA	Industrial	MEPF	Completed	4,40,000 Sq. Ft
6	Metro Rail (BMRC)	INDIA	Infra	STR	Completed	65 Km Route
7	Datacentre	INDIA	Datacentre	MEPF	Completed	85000 Sq. Ft
8	New Exhibition & Convention Centre	Bahrain	Commercial	MEPF	Completed	2,52,86 Sq. Km

## Earlier Work Experience

**Organization:** - NNE (Delhi/Bangalore/China/Denmark)

**Designation:** - Sr. BIM Engineer-Space Management, HVAC

**Duration:**- Oct-2013 to April-2017

### Major Job Responsibilities

- Resources Management for Specified Project
- Work Sharing Coordination.
- Time Management for Specified Project.
- Quality Checking.
- Solution Providing for Space management.
- Point Cloud Scanning Planning & Execution.
- MEP Coordination.
- Process Drainage & Sanitary Piping Modeling & Coordination.
- Coordinating of HVAC, Mechanical & Piping drawing with other agencies.
- 3D model of MEP services based on contract drawings, Specifications and technical Submittals.

### Local Projects (INDIA)

**IVC: -**

It is a vaccination facility. Mech. Part was in my scope.

**Jubilant: -**

There was upgradation of bulk API facilities. Mech. Part was in my scope.

**Anmol: -**

Concept and basic design for setting up this facility for Biscuit Industry. Some of Arch. Part was in my scope.

**Sanofi C& BD: -**

Concept and basic design for setting up new formulations and oncology sterile block. MEP & FP Part was in our scope. As well as Presentation is in my scope.

**Clariant: -**

Manufacturing facility for Silica Gel. It is a low RH product. MEP & FP is in our scope.

## **International Projects from INDIA**

### **Project-T: - (Turkey)**

Facility for manufacturing of general – OSD & Sterile formulation as well as oncology sterile formulations. MEP & Full co- ordination was in our Scope during Basic Design.

### **Herlev Hospital :- (Denmark)**

Team coordination & Project coordination was in my scope. Total 6 team member was involved in this project. My team was involved with Plumbing work, HVAC & Full coordination during Basic Design.

### **BI Oasis: - (China)**

It is an MAB (Molecular antibodies) Facility. Team coordination & Project coordination was in my scope. Total 12 team member was involved in this project. My team was involved with MEP, FP & Plumbing & Full coordination.

## **International Projects from International Location**

### **Herlev Hospital :- (Denmark)**

Resources Management, Project Management, Quality Checking & Work Sharing during Detail Design Phase.

### **BI Oasis: - (China)**

Resources Management, Quality Checking & Work Sharing during Detail Design Phase.

### **Point cloud scanning: - (Denmark)**

Point Cloud Scan Planning & Execution for 2 big size, 3 medium & 1 small size existing Facilities.

## **Earlier Work Experience**

### **Organization: - Steel Plus Ltd. (Kolkata)**

**Designation:** - Detailer

**Duration:-** July-2012 to Oct.-2013

### **Major Job Responsibilities**

- Structural Detailing & Drawing Preparation.
- Framing Lay out Preparation, USA Joist detailing, Deck Detailing using Auto CAD & Joist Modeler.
- Work Sharing.

### **Organization: - Iron & Engineering Services. (Kolkata)**

**Designation:** - Engineer

**Duration:-** July-2010 to June-2012

### **Major Job Responsibilities**

- General Lay out Preparation, of Iron Ore & Beneficiation Pellet Plant.
- Structural detailing, civil assignment drawing preparation, Conveyor gallery drawing.
- Control room drawing & equipment modeling using Auto CAD, Revit Structure.
- Bill of material calculation of steel structure using IS code in Excel format.
- Preparation of Isometric drawing for easy fabrication.
- Piping from pump house to agitator.
- Piping from tailing Thickener to Reservoir.
- Slurry piping from conc. Thickener to filter press.

**Organization: - Pinnacle Infotech Solution. (Durgapur)**

**Designation: - Engineer**

**Duration:- August-2009 to July-2010**

Worked on projects of various verticals covering Commercial, Hospital and Industrial buildings in multi-cultural environment.

**Major Job Responsibilities**

- Reviewing GC's design drawings and specification.
- Highlight the discrepancies in the contract drawings / specification and raise RFIs accordingly.
- Create 3D model of BIM services based on contract drawings, Specifications and technical Submittals
- Coordinate services in Auto Desk Navis works Platform.
- Prepare Shop/Installation Drawings based on the coordinated Model.
- Prepare Bill of Materials/Quantity Take off based on the Shop/Installation Drawings and Coordinated 3D model.

**References: -**

To be provided upon request.

I hereby declare that the above statements are true to the best of my knowledge.

Date: 17-08-2021

Place: -Bankura



(Partha Sarathi Chowdhury)