



Sathish Somasundaram

ARCHITECT/BIM/COMPUTATIONAL
DESIGNER

Links

[Portfolio](#)

[LinkedIn](#)

Skills

Autodesk Revit

Dynamo

Rhino & Grasshopper

Unity 3D

C#

Python

Google Sketchup

Adobe Photoshop

HTML & CSS

Adobe Premiere Pro

Lumion

Enscape

Adobe Photoshop

Machine Learning

Profile

Work in a challenging position wherein my knowledge, experience and skills can be used efficiently and thereby create an impact in the different wings of Architecture involving Technical and Creativity.

An ambitious designer with hopes to improve the way technology can affect design and a good problem solver.

Contact Details

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DateOf Birth : 26/10/1992

Employment History

BIM Coordinator at Foster + Partners, London [3+ years]

OCTOBER 2021 — PRESENT

Projects handled

- Marina village
- Project Rise

Roles & Responsibilities:

- Ensured compliance with ISO 19650 standards across all project stages, including the preparation of Exchange Information Requirements (EIRs) and BIM Execution Plans (BEPs).
- Developed and maintained Dynamo scripts and C# plugins to automate repetitive tasks in Revit and Navisworks, enhancing project efficiency and accuracy.
- Coordinated and managed federated models for clash detection, issue resolution, and model validation using Navisworks Manage and other BIM tools.
- Collaborated with multidisciplinary teams to ensure proper information delivery and seamless project coordination in line with client information requirements (CIRs).
- Facilitated BIM workflows and data exchange among project stakeholders, ensuring consistency and adherence to common data environment (CDE) protocols.
- Conducted regular model audits and quality checks to maintain data integrity and ensure alignment with project standards and deliverables.

BIM Coordinator at Hocon-TechIndia, Bengaluru [2 years]

NOVEMBER 2018 — NOVEMBER 2020

Projects handled

- Maui Bay Villas, Hawaii Island
- Waikiki Parc Hotel, Hawaii Island
- The Central Ala Moana, Hawaii Island
- QMC -West Parking, Hawaii Island
- Mechanical Datasheet Exporter (Revit Plugin Development)
- Auto Pipe Routing (Dynamo definition)

Roles & Responsibilities:

- Immediate technical support for all Autodesk Revit-orientated issues, including support for a variety of additional BIM authoring and analysis platforms and plugins.
- Collaboration with external support consultant as and when required.
- Support for Revit-authored project mobilization – formalization of volume strategies,
- setting up of project model files, building of project-specific family libraries, and leadership of internal BIM kick-off meetings.
- Support to allocated Team Members in ensuring internal project team adherence to the company BIM standards, Project BIM Summary, and – where relevant, BIM Execution Plan (BEP), MIDPs & TIDP.
- Auditing and reporting of all Revit-authored model files – development of processes and procedures.
- Management of company BIM object library – auditing of internally built / externally sourced families.
- Provision of one-on-one and group Revit and Dynamo training sessions.
- Parametric modelling, creating code/script to provide different design iteration for the team
- Creating parametric Logistics families with animation capabilities.

Junior Architect/Designer at HKS - India, Gurugram [2.5 years]

APRIL 2016 — OCTOBER 2018

Projects handled

- San Francisco International Airport – Terminal 1B, San Francisco
- Kuwait children's hospital, Kuwait
- Ananda Roha luxury Resort & Spa, Pune, India
- Frisco Station, Texas, US
- Chengdu Phoenix Hill Sports Park, Chengdu, China
- Railway redevelopment, Mumbai, India (Empanelment Project)

Roles & Responsibilities:

- Virtual Reality and Augment reality for teams to visualise the spaces/design.
- Immediate technical support for all Autodesk Revit-orientated issues, including support for a variety of additional BIM authoring and analysis platforms and plugins.
- Collaboration with external support consultant as and when required.
- Support for Revit-authored project mobilization – formalization of volume strategies, setting up of project model files, building of project-specific family libraries, and leadership of internal BIM kick-off meetings.
- Support to allocated Team Members in ensuring internal project team adherence to the company BIM standards, Project BIM Summary, and – where relevant, BIM Execution Plan (BEP).
- Auditing and reporting of all Revit-authored model files – development of processes and procedures.
- Management of company BIM object library – auditing of internally built / externally sourced families.
- Provision of one-on-one and group Revit and Dynamo training sessions.

- Providing Analysis for necessary Model to show team affecting their design.
- Built CAD drawings based on information provided by customers and engineers
- Prepared shop drawing and support in-house projects

Junior Architect at Shri Positive Builders, Madurai [1 year]

JUNE 2015 — MARCH 2016

Projects handled

- Residence for Mr. SKT Velu, Madurai
- Row houses for Mr. Rangarajan, Madurai
- Weekend residence for Mrs. Abirami, Madurai
- Interior for Mr. Natesan residence, Trichy
- Mosque @ Annanagar, Madurai.
- Arivu Matric School, Kalayarkovil.

Roles & Responsibilities:

- Develop design ideas and create design presentations.
- Ensuring design quality, leading site meetings with different parties, managing design changes, documentation as well as overall administration.
- Site Coordinate schedules and workloads.
- Responsible for Site overseeing that all necessary testing is completed.
- Estimating quantities and managing orders.
- Overlooking concreting and brick work on site.

Education

B.Arch, Bharath University, Chennai

AUGUST 2010 — MAY 2016

MSc Architectural Computation, University College London, London

SEPTEMBER 2020 — PRESENT

Achievements

India- BIM Award, India

OCTOBER 2014

First Place in the South region I-BIM Competition conducted by Autodesk
- Design of sustainable Innovation center for a Institution.

HKS-Gold Star Award

AUGUST 2017

Received a Gold Star award for BIM modeling of parametric interior elements and furniture in Kuwait Children's hospital.

PTR student Competition Award

APRIL 2013

A Inter College Competition : A Design proposal for PTR Park in Madurai.

Media Architecture Biennale -2020, London

MARCH 2021

Received a Special Mention for the Project "Hear but When" : A archive across space and time.

Languages

English : *Proficient* **Tamil** : *Proficient* **Hindi** : *Intermediate* **Sanskrit** : *Elementary*