

Hrushikesh Laddha

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Education

University of Washington <i>MS in Construction Management</i> Construction Firm Management, Design and Construction Law, Special Topics [Building Information Modeling]	Seattle, Washington Aug. 2024 (EXP)
Dr. Vishwanath Karad MIT World Peace University <i>Bachelor of Technology in Civil Engineering CGPA: 8.95/10</i>	Pune, India Jul. 2018 – Jun 2022

Experience

Panchshil Realty <i>Construction Management Intern</i> <ul style="list-style-type: none">Assisted the Planning Engineer with the site progress report of three projects and evaluated the number of apartments completed in four towers.Designed and rendered a 3D model of a villa in Revit Architecture and demonstrated the potential of AR and VR technology for the company through an abstract model and presentation.	Pune, India Dec. 2021 – Mar 2022
Larsen & Toubro <i>Internship Trainee</i> <ul style="list-style-type: none">Spearheaded meetings with safety officers and signed off pre-construction permits resulting in zero workplace accidents.Supervised the reinforcements constructed by the Automatic Climbing System (ACS) and performed quantity takeoffs for material submittals.	Mumbai, India Mar. 2021 – Apr 2021
Vastu Shilp <i>Project Management Intern</i> <ul style="list-style-type: none">Forecasted the duration of project deliverables and milestones by creating baseline P6 schedules.Facilitated the Execution Engineer with the construction of four quarters of the City Police Station's administrative building.	Buldhana, India Sept. 2020 – Jan 2021

Projects and Research

The vitality of Virtual Reality and Augmented Reality in the AEC Industry <i>AutoCAD 2D, SketchUp, Lumion, MS-Project, Revit, Kubity-Go, Iris-VR</i> <ul style="list-style-type: none">Developed an interactive VR and AR model that shares live data between the company's Sales, Architecture, and Construction departments.Funding of 2500 USD was granted for this project, which was also recognized as the most innovative project of the year 2022 at MIT-WPU School of Civil Engineering.	Pune, India Mar. 2021-Jun 2021
G+5 floors 5-star hotel (Residency Club) at Buldhana <i>Revit, Primavera P6, Navisworks</i> <ul style="list-style-type: none">Assisted the Senior Architect with evaluating change proposals and preparing change orders.Optimized a BIM 4D environment and resolved clash detections in Navisworks.	Buldhana, India Aug. 2021-Oct 2021
Construction of a Concrete-Aluminium H-Beam track <i>AutoCAD 2D, Primavera P6, Revit</i> <ul style="list-style-type: none">Constructed a 50-meter track for testing the hyperloop (high-speed transportation system) pod following its participation in European Hyperloop Week (EHW) in Valencia, Spain.Led a team of five people through the Initiation, Planning, and Execution phases.	Pune, India Jul. 2021-Aug 2021
Team VegaPod, MITWPU <i>Vendor Manager</i> <ul style="list-style-type: none">Developed a robust, contact-based propulsion system for a low-level Hyperloop vehicle.Directed vendor selection and contract negotiations and procured vendor quotations for billing approval.	Pune, India Sept. 2018 – Sept 2021

Technical Skills & Conferences

Modeling software: Autodesk BIM 360, AutoCAD, Bluebeam Revu, Autodesk Revit, Primavera P6, Navisworks, Procore, MS-Project, Google SketchUp, 3ds Max

Languages: Python, C

Online Certification: BIM: from sketch to digital twin, Infrastructure Planning and Management, Construction Scheduling, Construction Project Management, Construction Project Planning and BIM Technology, Technical Demolition of Structures, Reinforced Concrete Road Bridges, Bridge Design Workshop.