Harshvardhan Kedia
Architect of buildings, full-stack developer of code.

harshvardhankedia.com   harshkedi@gmail.com   https://github.com/Harshkedia

Education

Carnegie Mellon University

B.A. in Architecture, 2019

Specialization in
Computational Design

Architectural Design
Software Engineering
Creative Robotics
Service Design
Interactive Art
Interactive Computing
Architecture Theory

Skills

Code

C# (.NET)
RhinoCommon / Revit API
Javascript
NPM / Node
Express / GraphQL
Vue.js / HTML / CSS
P5.js
Java
Python
Git / Github

Software

Revit
Rhinoceros3D
RhinoInside
Grasshopper
Dynamo
Photoshop
Indesign
Illustrator

Experience

Design Computation Team Leader, NBBJ, 2020 - Present

- Led the 15 person firmwide design computation team on strategic direction, long-term software initiatives, and training and recruiting.
- Worked with firm leadership and the director of design innovation to set firmwide technology strategy and roadmaps.
- Worked as a computation specialist and architect on project teams.

Studio Design Computation Leader, NBBJ, 2019 - 2020

- Developed full-stack web and desktop applications for the firm
- Developed detailed design concepts and documentation on project teams.
- Created parametric models for design iteration and geometric rationalization.
- Worked with the studio leadership to set the studio technology strategy.

Co-Founder and Head of Product, Aecosystems, 2020-Present

- Led the strategic direction and positioning of the startup.
- Led product development on software consulting projects.
- Worked as a full-stack developer on internal and external initiatives.

Architectural Designer, Bohlin Cywinski Jackson, Summer 2018

- Worked in a highly collaborative environment with project teams on institutional design projects and competition drawings.

Computational Designer, Nudes, Summer 2017

- Led competition winning entries for multiple design awards.
- Designed innovative parametric retail storefront.
- Streamlined and automated internal design computing workflows.

Developer, Archeology of CAD, 2018 - 2019

- Worked with faculty for research and reconstruction of early CAD systems.

Teaching Assistant, Carnegie Mellon, 2017-2019

- Modern Architecture: Prof Kai Gutschow
- Architecture and the Arts: Prof Kai Gutschow
- Digital Fabrication Lab: Terry Hritz
- Grow Collective Design Studio: Prof Jonathan Kline