

## Devang Chauhan

"I enjoy developing tools and work-flows that capture human intelligence."



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Hi **Brian Ho**,

I wish to be considered for the position of **Senior Product Designer, Generative Design** at Sidewalk Labs. I came to know about this position from Mostapha Sadehghipour Roudsari during one of our chats.

From my 8 years of experience in the AEC industry and my work in three different regions of the world, I have first-hand experience of the pain point of designers, consultants, clients, and vendors. I have realized that while creating buildings is a complicated process, there's a lot of scope for tools and automated workflows where **human time** can be replaced with **packaged human intelligence**. Ever since this realization, I started creating **tools** during my personal time while having a full-time job that involves project work during the day.

### What have I done till now to package human intelligence?

- At HOK, I am creating a serverless dynamic content loading web platform where anyone in the firm can publish a workflow. This effort is inspired by the Hydrashare website and has additional features planned. The larger idea behind this effort is to capture the human intelligence of people working at different offices in the form of workflows and share them on a private HOK platform. My vision for this platform is to make it presentable to clients. I would want someone who is having a meeting with a client to fire up this platform and share with the client the design analytics capabilities HOK already has. This effort has the blessings of the Director of Design Technology - Innovation at HOK. Please check [Workflow Repository](#) on my website to see the WIP platform.
- Again at HOK, in my first month here, I went from a sketch from a design principal to a fully functioning and replicable workflow to do view analysis on each window of a building. I call this process, "Going from point A to Z". Please check [View Script](#) on my website to see the results.
- While working in India, I created an internal company website to automate employee onboarding, to share office policies, to share document standards, to share presentations, to share create and share tutorials, and to publish FAQs. Please check [Internal Board](#) on my website that is still in use even after I left the company in 2018.
- I am one of the core contributors of the **Ladybug Tools** and one of the top contributors on the forum in terms of user support.

I found good alignment between the job description for the position and my on-going efforts in the AEC tech. It is my hope that after taking a look at my work samples, you'll observe that alignment as well. You can visit my full website **here**. Thank you for your time. I always enjoy a good conversation and I am looking forward to having one with you.

Thanks,  
Devang

References;

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