# Raksha Shetty

## PRODUCT DESIGNER
## SOFTWARE DEVELOPER

rakshashettyhs@gmail.com

+1 408-829-6287

Vancouver, BC, Canada

**LinkedIn || GitHub || Publications**

## PROFILE

Architectural Designer transitioning to software development. Proficient in Figma, Sketch, Adobe XD, HTML, CSS, and JavaScript. Solid familiarity with agile development processes and methodologies. Detail-oriented with strong logical and design thinking skills. Driven to advance engineering systems with keen eye for new technologies and AI industry.

## SKILLS

**Programming:** Processing, Python, JavaScript (ES6+ specs), C#, HTML/CSS, RESTful APIs

**Frameworks:** React, jQuery, Next.js, Exrpess

**BIM:** Revit (Certified)

**Graphics & Editing:** AutoCAD, Photoshop, Illustrator, InDesign, After Effects, Premier Pro, Figma, Miro

**Rendering & Game engine:** Unreal engine, Unity engine, Lumion, Enscape, V-ray

**Development Tools:** GitHub, Unity (Certified), Anaconda, Visual Studio, PyCharm, NPM

**3D Modeling:** Rhinoceros, Grasshopper, Sketchup, Maya, Blender, Houdini, CATIA, Marvelous Designer, Clo-3D, 3DS-Max, Cinema 4D

**Development Methodologies**: Agile, SCRUM, SDLC

## PROJECTS

**Master's Thesis | Cogni-Craft**

SEP 2023, ADVANCED RETAIL APPLICATION, AI & NEUROSCIENCE

- Developed a retail application with Python, integrating Stable Diffusion AI for images, ChatGPT for interactions, and OpenBCI EEG technology.

**Industry challenge | TELUS more**

SEP 2024, FULL-STACK REACT APPLICATION

- Consumers are experiencing option paralysis, and therefore want a user friendly, here is one streamlined approach to consuming their favorite media.

**Capstone Project | First-Point-Client & Server-Side**

SEP 2024, FULL-STACK REACT APPLICATION, THREE.JS & MESHY API

- "First-Point" is an interactive and immersive digital installation project. users can contribute by generating new 3D models using the Text-to-3D API.

## EDUCATION

**BrainStation | Diploma, Software Engineering**

JULY 2024 - SEP 2024, VANCOUVER, BC

**Southern California Institute of Architecture | MS Arch Technologies**

SEP 2022 - SEP 2023, LOS ANGELES, CA

**RV School of Architecture | Bachelors in Architecture**

SEP 2011 - JUN 2016, BENGALURU, INDIA

## EXPERIENCE

**XR UI/UX Developer Intern | TCXR**

APR 2023 -JAN 2024, LOS ANGELES, CA

- Leveraged intuitive UI design for XR applications, improving user experience and boosting app adoption among young users by 25%.

**Retail Designer | TITAN CORPORATES**

APR 2019 - MAY 2022, BENGALURU, INDIA

- Spearheaded the design and development of interactive retail spaces by leveraging 3D modeling tools like AutoCAD and Rhino, boosting customer engagement and enhancing user experience.
- Managed luxury retail interior projects by collaborating with native artists, utilizing Revit and VR technology to integrate local art and traditions, improving brand engagement and community resonance.

**Junior - Associate - Transit Design Architect | SJ SMEC India Pvt Ltd**

AUG 2016 - APR 2019, BENGALURU, INDIA

- Implemented design optimizations by reducing the height of nine metro stations in the Mumbai Metro Line-6 project, using AutoCAD and Revit, resulting in a $6 million reduction in construction costs.
- Collaborated cross-functionally with contractors, site engineers, and track design teams to streamline the delivery of schematic and construction-ready drawings, ensuring timely project completion.