

Raksha Shetty

PRODUCT DESIGNER SOFTWARE DEVELOPER

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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.