



# Mudit Gupta

Senior Engineering Manager

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Toronto | Canada

## Education

### Georgia Institute of Technology

Master of Science

Human Computer Interaction | 2014

### Manipal Institute of Technology

Bachelor of Engineering

Information Technology | 2011

## Skills

Software Engineering

Physical Computing

Rapid Prototyping

Experience Design

3D CAD

Real Time/Generative Graphics

AI/LLM based experiences

Digital Fabrication

Wearable Tech

## Tools

JavaScript/ ReactJS/ NodeJS

WebGL

TouchDesigner

Python/ C++

Arduino/Micro Python

Fusion360

Eagle CAD

## References

**Hunter Spence | Former Executive**

**Technology Director, Second Story**

[hunter.suspence@gmail.com](mailto:hunter.suspence@gmail.com)

**Joel Krieger | Former Chief Creative**

**Officer, Second Story**

[joelkrieger@gmail.com](mailto:joelkrieger@gmail.com)

## Who am I

I'm happiest at the intersection of software development, hardware engineering, digital fabrication and interaction design. I thrive in dynamic environments that require working with ever new technologies. I have a strong background in the prototyping and development of interactive experiences that delight.

## Experience

### Razorfish | Associate Director Engineering

2021 – Present

Lead Architect on client projects, responsible for creating the tech stack and managing all tech deliverable from the team. Managed diverse teams using Agile methodologies. Leveraged cutting edge AI frameworks to drive innovation and customer delight on client IPs.

### Second Story | Engineering Manager

2014 – 2021

Project Technology Lead on client projects, responsible for architecting the tech approach and managing tech prototyping, development and delivery of all artifacts from the tech team. Collaborated with creative teams to ensure viability of deliverables while meeting project goals. Owned lab R&D initiatives and internal capabilities development tracks. Managed client expectations and final delivery of the projects.

### Aware Home Research Initiative | Graduate Research

#### Assistant

2012 - 2014

Responsible for aiding and conducting research into smart home devices with a special focus on aiding older/impaired adults. Worked on connected life & home devices.

### RoboGalaxy | Robotics Educator/ Course Designer

2012

Responsible for developing a curriculum around robotics to promote STEAM education for grades 3 through 12. Conducted educational robotics classes for students to prepare them for the International Robotics Olympiad, where they secured several wins.

## Hobbies

I've always enjoyed playing with new technologies, as of spring 2024 I'm working on a few personal robotics projects, home automation/monitoring devices and two animatronic kids' plushies intended as gifts for friends who are new parents.