

Stuti Mohgaonkar

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Education

New York University(NYU) Master's in Interactive Telecommunications Program	Sept'20 - May'22 New York,USA
DA-IICT Bachelor's in Computer Science	May'13 - April'17 Gandhinagar,India

Experience

Google Summer of Code, Processing Foundation	June'21 - Aug'21
<ul style="list-style-type: none">Developed an open source infrastructure to publish digital interactive books and built automation workflows.Created a publishable book(The code of music) using the infrastructure. Coded interactives for data visualisation to complement the book content.Created a github action to sync Github markdown files in a repository to Notion.	
Backend Developer, Cryptix Inc	May'21 - Present
<ul style="list-style-type: none">Setup the backend system for an early stage blockchain based event ticketing startupDeveloped APIs using the Node.js based framework - LoopbackBuilt an email parsing system to fetch user's event ticket history from Gmail	
Product Engineer,Servify	April'17 - Oct'18
<ul style="list-style-type: none">Designed and developed highly scalable service to automate the process of verifying insurance claims for damaged devices. This reduced the manual intervention and sped up the process to 1 day from the earlier process of 7 daysLead the implementation of a rule engine to detect fraud in the insurance purchase and claim process. These systems are used by brands like OnePlus, Xiaomi and Micromax.Worked on Node.js, MySQL, MongoDB and AWS.	
Software Development Intern,Servify	Jan'17 - Apr'17
<ul style="list-style-type: none">Worked on query optimisation and caching to improve system performance.	

Skills

Languages: Javascript,Node.js, Java,HTML,CSS **Databases:** MySQL,Posgres,MongoDB
Frameworks: Vue,React,Loopback,ExpressJS **Graphics:** Three.js,p5.js,Unity(C#)
MISC:Git,pm2,Firestore,Firebase,AWS

Projects

Into the Underland An interactive story made in Unity,where the player experiences the trials and tribulations of living in NYC through the perspective of a rat. Selected for Telaviv film fesitval'2021 , Showcased at ITP Spring show'2021
Mr Scribbles A dancing drawing robot made using Arduino. It draws, but its actions are controlled by the user's dance step. Using ml5 on web to capture user's pose, the communication between the arduino powered robot and web happens though sockets.
Interactive fireworks As an exploration of a more ecofriendly way of celebrating the Indian festival of lights, while also keeping the thrill of bursting crackers alive. We built interactive crackets with light sensors and leds. On flashing light on the cracker a video projection of fireworks behind the cracker gets triggered.
Social Experiment As an attempt to be initiate funny conversations with out of touch friends and break out of my social bubble. I created a script written in puppeteer that fetches absurd(intended) messages from a ML model trained on some of my whatsapp chats and the instagram handle @showerthoughts and picks a random friend on instgram to send to send the message to and connect with.