

# Stuti Mohgaonkar

A software developer with experience in backend and front-end web development

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## EDUCATION

### Masters in Interactive Telecommunications Program (ITP)

New York University  
09/20-05/22

### Bachelor in Information and Communication Technology (7.18/10)

DAIICT, Gujarat, India  
06/13-05/17

## WORK EXPERIENCE

### • Freelance Software Developer | 01/20-04/20

#### Fullstack Web Developer

- Managed microservices, developed REST APIs in NodeJS using Loopback Framework and designed database schemas.
- Developed web apps using Vuejs and ReactJS
- Developed websites with Nuxt, Gridsome and wordpress
- Worked with clients like Aakriti art creations, Physiz, Fitnet

### • Physiz | 08/19-04/20

#### Backend Developer

- Worked with an early-stage startup in
- Worked on MQTT, nodejs, CouchDB and CI/CD for automating indoor farms.

### • Servify | 01/17-10/18

#### Senior Product Engineer

04/18-10/18

#### Product Engineer

05/17-04/18

#### Software Development Intern

01/17-05/17

- Worked on the Node.JS loopback framework, mySQL, mongodb and postgres for the company's backend system. Designed APIs for web and mobile, database and architecture
- Worked on query optimisation and caching to improve system performance.
- Engaged in various stages of software development lifecycle from requirement meeting with clients, design discussions, system architecture and quality assurance.
- Lead the implementation of a rule engine to detect fraud in the insurance purchase and claim process.

### • Cretif | 12/15-02/16

#### Software Development Intern

Worked on the company's web app and the website primarily using ExpressJS.

## SKILLS

Languages	Javascript,Node.js, Java,HTML,CSS
Databases	MySQL,Posgres,MongoDB
Frameworks	Vue,Gridsome,Nuxt,Loopback,ExpressJS,Django
Graphics	Three.js,D3.js,p5.js
Machine Learning	RunwayML,ml5.js
MISC	Git,PM2,Firestore,Firebase

## AWARDS

- “Rising star” award at Servify annual meet
- NYU,ITP Tisch scholarship.

## PROJECTS

- **Where you are one of them** - A group chat application built using vue,vue router, nodejs and runway that twists your words to make your texts sound like being delivered by a famous TV show character. With mininal use of ML I created a space where you talk to your friends impersonating as characters from a particular TV show(eg: friends, seinfeld)
- **Servify protection plans** - Redesigned the backend system for managing insurance plans for electronics. This involved building algorithms for a rule engine, system architecture, building RESTful APIs, query optimisation, database design and writing scripts for data migration. The implementation was doing using nodejs, loopback, mySQL, mongoDB and Postgres. This project helped improve the system performace by 40%.