

## Education:

### New Jersey Institute of Technology

Master of Science – Computer Science

**Graduated - 2018**

- Courses – Computer Programming Languages, Machine Learning, Data structures & Algorithms, Database Systems, Big Data.

### University of Mumbai

Bachelor of Engineering – Electronics & Telecommunication

**Graduated - 2011**

## Experience:

### Software Developer, FAST, NJ, USA - Subsidiary of Verisk (NASDAQ: VRSK) acquired in Dec. 2019

**July 2018 – Present**

- Working as a full stack developer in core Product Development team. Exposed to React and ExtJS (JavaScript Framework) for front-end, and C# .Net for back-end.
- Worked on designing Authentication framework to support SSO and Token based authentication (SAML, JWT etc.).
- Designed and developed Encryption handler framework to support different types of encryption like Triple-DES, AES, PGP etc.
- Involved in the development of Rest APIs.
- Worked on an enhancement to support additional databases like Oracle, PostgreSQL etc. to an existing application.
- Worked on multiple Amazon web services like S3, KMS, Secrets Manager, EC2, Alexa skill kit etc., to integrate with Fast application.
- Worked on integrating Google Tag manager to support basic analytics features.
- Developed a Chatbot using Google's Dialog-flow development suite.
- While working for client projects, got a good gripe on debugging & finding solutions for the newly immersing queries.
- For security aspect of application, used Burp for tracking SQL injection vulnerability/Cross site Scripting/Cross Site Request Forgery.
- Contributed to enhance Selenium Framework for Testing.

### Product Development Intern, Fast LLC, NJ, USA

**June 2017 – May 2018**

- Worked as a Software Developer in Core Product Development team. Exposed to Java, JavaScript, and C# .Net for development.
- Handled Many mini projects, like Added password hashing/Salting implementation, developed new Rest APIs & mapped them to Swagger, designed new features for existing application, Overall Security check using Burp for SQL injection vulnerability/Cross site Scripting/Cross Site Request Forgery, Selenium Framework design & development for UI Testing, & Bug Fixing in existing application.

### Software Developer, NTT DATA Global Delivery Services, Bangalore, India

**Jan 2014 – July 2016**

- Worked on various Modules of SAP (SD, MM, FICO) as an SAP-ABAP Developer.
- Responsible for keeping track of various change requests coming from teams across multiple countries.

### Internship as Bilingual IT Professional, Experis Manpower Group, Pune, India

**Jan 2013 – Dec 2013**

- Worked on native Android application development.

## Academic Projects:

### Test Data Prediction, Machine Learning – CS675, NJIT, USA - [ <https://goo.gl/7WKlzw> ]

**Oct 2016 – Dec 2016**

- Wrote a Python code to classify the Test Data of 2000 different data points
- Applied F-Score Algorithm for feature selection. Able to select 14 best features from total 29623. Significantly reduced code execution time. Used Hinge Loss classifier for classifying the Data. Able to increase the prediction accuracy from 59% to 67%

### Peg-Solitaire Game Solver, CPL – CS635, NJIT, USA - [ <https://goo.gl/4EJqag> ]

**Sept 2016 – Dec 2016**

- Wrote a program which can solve the Peg-Solitaire game by itself, basically designed an AI for Peg-Solitaire game.
- Used Backtracking for achieving the final goal of puzzle that is single peg.
- Technologies: Java, Python, Backtracking.

### Alexa-Chef, Personal Project, Hackathon, USA - [ <https://goo.gl/iBjI8W> ]

**Nov 2016 – Nov 2016**

- It's an Alexa app used with Amazon Echo, to give you access to recipes across the world
- Used AWS Lambda, Dynamo DB, Alexa skills kit for development

### Feedly – News Feed Web Application, SDPM – CS673, NJIT, USA [ <https://goo.gl/cptdRT> ]

**July 2017 – Nov 2017**

- Created Feedly application using React, NodeJs, and Meteor. Used MongoDB for storing collections.

## Achievements:

- 2nd price winner, **Hackathon** 'HackNJIT 2016' – developed app based on amazon Alexa.
- Built self-balancing Robot 'SEGWAY' in the final year of Engineering.
- Bilingual in English & Japanese (JLPT N3 Certified)
- Co-Founder at GlobalVAServices, Mumbai, India.