

# AJINKYA VIJAY SONAWANE

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Brooklyn, New York, NY - 11209

## EDUCATION

**New York University**, Tandon School of Engineering  
Master of Science in Computer Science | **GPA:** 3.889/4

New York, NY  
May 2023

**Savitribai Phule Pune University**, Vishwakarma Institute of Information Technology  
Bachelor of Engineering, Computer - **Overall GPA:** 8.66/10 | **Major GPA:** 9.13/10

Pune, India  
Jun 2019

- Pune University Rank Holder - 7th amongst all colleges in Computer Engineering
- Best Student, Computer Department. By - Vishwakarma Institute of Information Technology
- Best Outgoing Student By -VIIT Alumni Association

## SKILLS

- **Programming & Web Languages:** Python, C/C++, Java, JavaScript, HTML5, CSS3, VBScript, C#
- **Databases and Operating Systems:** Microsoft SQL Server, MySQL, MongoDB, Linux, Windows, macOS
- **Soft Skills and Technologies:** Git/Gitlab, AWS, Heroku, Netlify, Leadership Skills, Event Management, Excellent Written, and Verbal Communication, Administration, Punctuality, Team Management, Microsoft Office, JIRA

## RELATED EXPERIENCE

**Software Developer**, FinIQ Consulting India, Pune, India

Jul 2019 - Apr 2021

- Migrated Windows application screens to .Net based web applications as per user requirements
- Completed 5 full-fledged projects from user requirement analysis to production deployment.
- Developed and maintained web-based WCF services for FX-Cash Setup & FX-Trade Aggregation modules, Dual Currency Investment (DCI) Setup, and Audit screens using C# & VB .NET
- Designed and constructed Hyperledger based Decentralized Airbnb web application for FinIQ's Blockchain Competition - Stood first in the category

**Android Developer Intern**, Global Super Elite, Pune, India

Sep 2017 – Feb 2018

- Designed and facilitated the user interface of the ConnectMe Android chatbot application.
- Hosted and maintained application's database on AWS EC2 instance server.

**Software Engineering Intern**, Neeti Solutions, Pune, India

Jun 2017 – Jul 2017

- Hosted Java and Php test applications on Amazon Web Services.
- Tested EC2 and Elastic Beanstalk services of AWS for hosting the RealLives videogame.
- Created Browser automation tool using Selenium for email and password verification in Python.
- Integrated Google Translate API in the RealLives application to translate user feedback.

## TECHNICAL PROJECTS

**Disk Read/Write Analysis & Optimization**, New York, USA

Dec 2021 – Dec 2021

- Operating Systems course project - Analyzed read/write operations using different block sizes, number of threads, system cache and compared the same with different system calls e.g. lseek.
- Optimized the read/write operation and XORing the contents of the file as per the analysis done.

[Github](#)

**News Credibility using Deep Learning**, Pune, India

Aug 2018 – Jun 2019

- Implemented a Recurrent Neural Network using the Long Short Term Memory model that gives credibility scores for Twitter posts by calculating the similarity between the content of the post and news article(s) fetched using the summary of the post.
- Used Twitter API to fetch tweets in real-time and *newsapi* to fetch news articles based on keywords.

**College Drive**, Pune, India

Sep 2017 – Oct 2017

- Constructed a distributed network-based shared drive Windows application to store, update and access personal files for college students.
- Implemented Socket programming along with Multi-threading to facilitate concurrent requests, file handling for managing user files uploaded on the server, and Swing for the user interface

[Github](#)

## ACTIVITIES & LEADERSHIP

**Governance Committee**, NYU Student Activities Board

Sep 2021 – Present

**Marketing and Programming Committee**, NYU Commuter Student Council

Sep 2021 – Present

**Technical Secretary**, Vishwakarma Institute of Information Technology (VIIT)

Jul 2018 – Jun 2019

- Managed a team of 150+ students for various technical events hosted throughout the institute.
- Organize the flagship techno-cultural event of the institute - which saw a 40% rise in attendance and a 60% increase in sponsorships. Social media reach saw a 47% rise compared to previous year.

**Technical Advisor and President**, IoT Forum VIIT

Jul 2017 – Jun 2018

- Organized several workshops and seminars on IoT and assisted 20+ member students.
- Represented the forum by organizing a hands-on workshop on Arduino at SVJCT's Junior College of Science, Chiplun.