

# Tanay Godse

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## EDUCATION

### San Jose State University

Master of Science, Computer Science(GPA: 4/4)

**San Jose, CA**

August 2023 – May 2025

### University of Mumbai

Bachelor of Engineering, Computer Engineering(GPA: 8.87/10)

**Mumbai, India**

August 2017 – June 2021

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, C#, CSS, HTML, Java, JavaScript, PHP, Python, TypeScript
- **Tools and Technologies:** Android Studio, Arduino, ASP.NET, AWS, Express, Flask, Git, IIS, JQuery, Jira, Linux, MongoDB, MSSQL Server, MySQL, Node, Postman, React, React-Native, SAP Analytics Cloud, Selenium, Zend
- **Data and ML Technologies:** Hadoop, HBase, Hive, HuggingFace, Keras, Mahout, Matplotlib, NLTK, NumPy, Pandas, PyTorch, Scikit-Learn, Spark, textblob

## WORK EXPERIENCE

### Software Developer, Depronto Infotech, Mumbai, India

July 2021 – July 2023

PHP, HTML, CSS, JavaScript, JQuery, MSSQL, C#, ASP.NET, Zend Framework, IIS, Git

- Planned and implemented client requirements for a project management application used by over 5000 employees
- Developed various modules like monthly reporting, discussion boards, auto-mailers and cronjobs for daily user sync
- Optimized existing queries and stored procedures by evaluating query execution plans and using indexes effectively
- Implemented server-side pagination improving application load times by up to 50%
- Maintained a Content Management System built using ASP.NET and C# managing over 5000+ recipes and 1000+ articles

### Data Analyst Intern, Atos Syntel, Mumbai, India

May 2020 – July 2020

Python, SAP Analytics Cloud, beautifulsoup, textblob

- Scraped data using beautifulsoup and performed sentiment analysis using textblob for over 2000 staff reviews
- Created multiple insightful dashboards for data visualization using SAP Analytics Cloud

### Data Engineering Intern, NeuroByte Ventures, Thane, India

June 2019 – August 2019

Python, Selenium Web Driver, PyOCR, textblob, MySQL

- Performed data scraping on Bombay Stock Exchange (BSE) corporate announcements using Selenium Web Driver for over 100 companies
- Implemented OCR and NLP techniques to extract and store data from PDFs in MySQL Database for 1600 documents

## PROJECTS

### AI Note Taking App

HTML, CSS, TypeScript, NodeJS, React, MongoDB, Express, Python, Flask, HuggingFace, PyTorch

- Developed a note taking application that accepts PDF files as input
- Evaluated several approaches for autocomplete such as LSTM, RNN and Transformers using PyTorch
- Added smart features like autocomplete using TextRank and Trie, and text summarization using DistilBERT from HuggingFace
- Used React, react-pdf-highlighter and TypeScript for the front-end, Node and Express for Backend, Flask to create APIs for summarization and completion and MongoDB to store the notes taken

### GloomPD

Python, Flask, Java, Android Studio, scikit-learn

- Designed and developed an android application to predict PHQ-9 scores using Java and Android Studio
- Data processing using python, compared and evaluated various models using the scikit-learn library, achieved an accuracy of 82%
- Developed an API using Flask to integrate the trained machine learning model into the Android application

### RFID Door Lock

C++, Arduino

- Implemented the code for data manipulation of information on RFID tags and performed security checks in C++
- Built the system using an Arduino UNO and an electromagnetic solenoid for the lock