

Tanay Godse

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EDUCATION

San Jose State University

Master of Science, Computer Science

San Jose, CA

August 2023 – May 2025

University of Mumbai

Bachelor of Engineering, Computer Engineering

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:** HBase, Hive, HuggingFace, Keras, Mahout, Matplotlib, NLTK, NumPy, Pandas, PyTorch, Scikit-Learn, Spark, textblob

WORK EXPERIENCE

Depronto Infotech, Software Developer, Mumbai, India

July 2021 – July 2023

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

- 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

Atos Syntel, Software Developer Intern, 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

NeuroByte Ventures, Software Developer Intern, 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