# Akhila Sulgante

+1(628) 276-3832| asulgante39@gmail.com | Linkedin | Github | Portfolio | San Francisco, CA

Efficient and self-motivated Software developer with 3 years of industrial experience in application development and its life cycle. Incoming Summer intern at Goldman Sachs Tokyo.

## Education

**Northeastern University, San Francisco**                                                                                   *Jan '22 – Dec '23(expected)*
Master's in Computer Science, 3.89/4.0

**Dr. Ambedkar Institute of Technology, India**                                                                               *Aug '13 – June '17*
Bachelor's in Computer Science

## Work Experience

**Teaching Assistant | Northeastern University, US**                                                                          *May '22 – Present*
Subjects: Algorithm, Intensive foundations of Computer Science
- Assisted students in an in-depth understanding of algorithms through logical derivation and mathematical proof
- Conducting a graduate class and teaching align students to code from scratch in Python and Pico programming

**Account Specialist | Amazon, India**                                                                                        *May '20 – Dec '21*
Domain: Amazon Advertising, Japan Marketplace
- Developed ad campaign strategies for 120+ brands and increased product visibility by 40% over a year
- Analyzed Voice of Customer (VoC) data using Tableau and developed a streamlined process to reduce customer query resolution time from 5 to 2 business days
- Created SOPs to improve the relevancy score of recommendation reports to increase return on ad expenditure
- Led a team of 5 specialists for R&D in Multi-Product Recommendation Strategy planning

**Assistant Application Developer | Fujitsu, India**                                                                          *Dec '17 – Mar '20*
Project: JA Kyousai, Zenkyoren Apps Rebuild
- Developed components in Java with an error rate of less than 0.1%(pre-review) and performed JUnit tests
- Designed efficient Algorithms and drafted specification documents in Japanese based on Client requirements
- Fixed issues during the Integration Testing phase before the allotted time to reduce phase time by 30%
- Conducted review on modules developed by the team and analyzed quality performance on a bi-weekly basis

## Key Projects

**Peko - A food ordering website**                                                                                           *Nov '22 – Dec '22*
- Deployed a **MERN**-stack food delivery app following **agile** practices and performed unit and system tests
- Conducted **usability study** on 1st phase and followed design principles to increase user experience
- Identified potential accessibility issues and followed **POUR** principles to improve the website's accessibility
- Incorporated filtering options to ease the ordering process and implemented **CRUD** operations in **MongoDB**

**Hate Speech Detection**                                                                                                     *Jul '22 – Aug '22*
- Built **Shallow and Deep learning models** to detect hate and offensive speech on Davidson's Twitter dataset
- Preprocessed the dataset using **NLTK library** functions to improve model accuracy by 15%
- Developed multi-model consisting of **CNN and MLP** with **TF-IDF word embedding** and **regression classifier**

**Meter Ethereum Hackathon**                                                                                                  *Feb '22 – Apr '22*
- Designed and developed User Interface for a decentralized NFT web app using **HTML, CSS, JavaScript, React.js,** and **Ethers.js**
- Tested and deployed smart contracts to the Ethereum blockchain with **Solidity** according to the ERC721 standard for secure transactions
- Incorporated **IPFS network** to maintain decentralization and security of digital files

## Technical Skills

**Domain Knowledge:** Machine Learning, Natural Language Processing, Software Development, Web Development, Data Visualization, Database Management System, Data Structure, Algorithms, System design
**Programming Languages:** Java, Python, C, C++, JavaScript, R
**Web Development:** HTML, CSS, React
**Database**: MySQL, MongoDB
**Testing:** JUnit, Cypress