# Akhila Sulgante

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Efficient and self-motivated software engineer with 3 years of industrial experience in application development and its life cycle. Looking for internship opportunities for summer 2023 to further improve upon development skills

## Education

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

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

## Key Projects

**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
- 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 NFT web app using HTML, CSS, JavaScript, React.js, and Ethers.js
- Tested and deployed smart contract with Solidity according to the ERC721 standard for secure transactions
- Incorporated IPFS network to maintain decentralization and security of digital files

## Work Experience

**Teaching Assistant (Algorithm) | Northeastern University, US**                    *May '22 – Present*
- Conducting student doubt-solving sessions and evaluating performance for course assignments

**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% and performed JUnit tests on the code
- Designed efficient Algorithms and drafted specification documents in Japanese based on Client requirements
- Fixed issues during the Integration Testing phase before 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

## Technical Skills

**Domain Knowledge:** Machine Learning, Natural Language Processing, Software Development, Web Development
**Programming Languages:** Java, Python, C, C++, JavaScript
**Web Development:** HTML, CSS, React
**Database**: MySQL, MongoDB
**IDEs:** Eclipse, Android Studio, NetBeans, Visual Studio, MATLAB
**Testing:** JUnit, Cypress

## Extracurricular activities

- Owner of an online artisan soap brand called "Soapiphany," which makes organic and artistic soap
- A student leader at NU PLACE(Northeastern University Professional leadership and Career Empowerment)