

Siddhant Mohile

C-107, Ammann Hall • Stony Brook, NY 11794 • siddhant.mohile@stonybrook.edu • [Portfolio Site](#) • [GitHub Profile](#)

Objective

To secure a challenging summer internship where I can apply my skills in software development and automation to solve real-world problems and contribute to impactful projects.

Education

Stony Brook University

Computer Science, Presidential Scholarship

Stony Brook, NY

Expected Graduation: 2028

Ramnarain Ruia College - Mumbai

Higher Secondary Certificate (Equivalent to High School Diploma)

September 2022 - April 2024

VIBGYOR Group of Schools- Mumbai

Indian Certificate of Secondary Education (Equivalent to Grade 1-10)

January 2012 - February 2022

Experience

ZeroAndOne Developers

Co-Founder, April 2021 - July 2024

- Led a team in developing custom software solutions, significantly enhancing client operational efficiency.
- Designed and implemented dynamic dashboards that improved data visualization and decision-making processes.
- Utilized Python for automation, streamlining business operations and reducing manual workload.
- Delivered practical software services that achieved tangible business results, driving productivity and efficiency.
- Delivered custom software solutions to over 25 clients from 13 countries, automating data entry, building custom dashboards, training machine learning models and developing full-stack apps.

Atal Incubation Centre - Rambhau Mhalgi Prabodhini (AIC RMP)

Full stack Development Intern, May 2024 - July 2024

- Built internal tools using Streamlit to visualize data and aggregate news, boosting team productivity.
- Created full stack applications using Next.js, incorporating Generative AI that streamlined blog generation processes, leading to a 30% increase in efficiency for the content team.

Vidyalankar Group of Educational Institutes

Python Development Intern, July 2023 - December 2023

- Automated various tasks with Python scripts, improving operational efficiency by 35%.
 - Collaborated with the front-end team to develop an intuitive University Shortlisting Tool, leading to a 20% improvement in digital interactions for students and helped in generating new leads.
-

Projects

FindMyWheels

- Developed a mini robotic car using Arduino to navigate parking lots and locate parked cars, integrating an Android app for image capture and a machine learning model for car attribute identification.
- Created a frontend dashboard using Next.js, enhancing user interaction and accessibility.
- Utilized FastAPI for the backend and Firebase Realtime Database for data storage, providing a user-friendly dashboard for car location tracking.

Movie Recommender

- Built a movie recommender system using the ALS algorithm and SingleStore, which won first place in the machine learning track with a \$5000 prize.
- Leveraged collaborative filtering techniques to provide personalized movie recommendations, demonstrating expertise in machine learning and database management.

Chad Discord Bot

- Created a Discord bot named Chad, serving over 270k users across 500+ servers, achieving 100% customer satisfaction.
- Developed using discord.py and managed marketing efforts with a teammate, scaling the user base to 270k.
- Handled all cloud infrastructure responsibilities, ensuring reliable and scalable service for a large user base.

Skills

Technical: Python, Java, SQL, Next.js, React, Wordpress, Wix, Docker, Kubernetes, AWS, Linux, Machine Learning, Automation, Web Scraping, Pandas, Streamlit, Full-Stack Development, Back-end Development, REST APIs, Algorithms, Git, CI/CD, FastAPI, Flask, MongoDB, SQL, Redis, Database Management, Arduino, Generative AI.

Language: Hindi (Native), English (Native), Marathi (Native), French (Professional Working Proficiency), Spanish (Limited Working Proficiency)

Interests: Exploring new places, hiking, working out, running, and participating in adventure sports.