ADITYA MULIK

Boston, MA 02120 | (857) 488-1743 | mulik.a@northeastern.edu
https://www.adityamulik.com

EDUCATION

Northeastern University, Boston, MA	***Expected May 2023***

Master of Science in Information Systems

University of Mumbai, Mumbai, India	***May 2016***

Bachelor of Engineering in Information Technology

TECHNICAL SKILLS

Programming Languages:	Java, JavaScript & Python
Web Technologies:	HTML, CSS, React, JSON, Node.js, RESTful API, ES6, Django/Flask, Ajax/Axios
Database:	MySQL, Postgres, MongoDB
Tools & Software:	GitHub, Git Cli, Bitbucket, Postman, SSH & Ftp, Jira, Ansible, Docker
Functional Skills:	Agile Development, Test Driven Development, Requirement Gathering, API Documentation
Certifications:	AWS Solutions Architect – Associate

EXPERIENCE

Northeastern University (College of Engineering) – Graduate Teaching Assistant, Boston, MA **Sept 2021 - Present**

- Working alongside Professor Daniel Peters for the subject Design Patterns
- Working on grading student's assignments and handling student queries
- Migrated Assignment submission from traditional to GitHub Classroom integration for automating submissions and integrating with help of GitHub Actions reducing the manhours for grading by 50% efficiency

Northeastern University (D'Amore-McKim School of Business) – Research Assistant, Boston, MA **Jan 2022 – Mar 2022**

- Worked with Prof. Shawn Bhimani in the field of Supply Chain Management working on on-going projects of combating issues such as human trafficking with help of analyzing and processing huge pipeline of data which helped in research to increase the efficiency by 70%

Adnet Global – Python Consultant (Freelancing), Remote **May 2021 - Sep 2021**

- Worked as a Python Development consultant with a team of 2 developers wherein onboarded a software solution and created several workflows and utilized API endpoints for smoother setup
- Created a full-stack web application using Python's Django and ReactJS for automating a monotonous process which required automation. The application helped users to finish their deliverables by increasing the efficiency by 60%
- Worked on several proof-of-concept implementations for various automation requirements for the organization

Decimal Point Analytics – Python Programmer, Mumbai, India **Jun 2020 - Sep 2021**

- Migrated and created new APIs using Python's FastAPI framework in a span of 20 days with thorough testing by reducing the response time by 80% faster as compared to the previous version of APIs.
- Worked in Business Intelligence Team and explored various tools and programming languages for small visualization projects not only limited to Python but also R, TypeScript for Power BI and JavaScript libraries such as ChartJS and D3
- Worked on backend Django Web Framework using REST (DRF) to serialize objects to be consumed on frontend as JSON objects
- Use of Django ORM based technology for querying Database
- Used JavaScript based Framework (ReactJS) to integrate the templates for creating robust frontends

Intertrust Group – Linux System Administrator, Mumbai, India **Sep 2016 - Jun 2020**

- Created and designed a few python scripts to automate a daily process for a business-critical application's data refresh which was initially driven by system administrators manually which was error-prone and brought efficiency to the process by a whopping 100% as the turnaround time reduced drastically
- Created multiple Python based scripts which ran on RedHat Linux Servers to automate mundane and monotonous processes
- Used open-source configuration management tools such as Ansible to automate processes & daily run jobs

PROJECTS

Wellness Forever (Java Swing) – Associated with Graduate School (Academic Project) **Dec 2021**

- Created a healthcare application built using Java Swing library, an application used to manage healthcare facilities such as medical services, pharmacy, lab tests and more. A user-friendly app build with advanced User Interface for an amazing User Experience.

IPTC Automation (Django, React) – Associated with Adnet Global **June 2021**

- Automated a workflow of adding metadata to images which usually required to be done manually using Adobe Bridge, Photoshop, etc. Created a web application using ReactJS & Django REST Framework using various tools for automating the process which help reduced manhours by 30%