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:	Python, JavaScript, Java & R
Web Technologies:	HTML, CSS, JavaScript, React, JSON, Node.js, RESTful API, ES6, AJAX, Django/Flask
Database:	MySQL, Postgres, MongoDB
Tools & Software:	GitHub, GIT, Bitbucket, Postman, 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 - Dec 2021**

- Working alongside Professor Daniel Peters for the subject Design Patterns for the Fall 2021 Term.
- Working on grading student's assignments and other activities.
- Explored GitHub Classroom integration for automating submissions and integrating with other tools.

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

- Worked as a Python Development consultant 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.
- 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**

- 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 AJAX based views to update data real-time without page reloads
- 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 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 along with YAML scripts to automate processes & daily run jobs
- Used an open-source based Visualization tool (Plotly) for creating interactive graphs for visualization. Created web apps based on Django and Flask
- Django based web app created with several API endpoints to integrate data as a central source for visualization using Power BI

PROJECTS

Android Based ERP System (Undergrad Project, Java) **Aug 2015**

- An android based mobile application with interactive user interface for maintaining records useful for the college students and faculty.
- Presented the proof-of-concept to the faculty which was determined to be a potential application for the college. Similarly, a research paper was published for the same in an international journal.

IPTC Automation (Django, React) **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 several manhours.