

ADITYA MULIK

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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 (D'Amore-McKim School of Business) – Graduate Research Assistant, Boston, MA Jan 2022 - Present

- Working 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.

Northeastern University (College of Engineering) – Graduate Teaching Assistant, Boston, MA

Sept 2021 - Present

- Worked alongside Professor Daniel Peters for the subject Design Patterns for the Fall 2021 Term
- Worked 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 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

Wellness Forever (Java Swing)

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)

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

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