Mohidul Hoque

SOFTWARE ENGINEER · FULL STACK PYTHON DEVELOPER
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"Make the change that you want to see in the world."

Experience

Schlumberger
DATA ENGINEER

Pune, Maharashtra, India
July 2014 – March 2020

• Responsible for implementing and managing an end-to-end CI/CD Pipeline with custom validations for Informatica migrations which brought migration time to 1.5 hours from 9 hours without any manual intervention
• Enhancing, auditing and maintaining custom data ingestion framework that ingest around 1TB of data each day to over 70 business units
• Working with L3 developer team to ensure the discussed Scrum PBI's are delivered on time for data ingestions
• Planning and Executing QA and Production Release Cycle activities

Truso
FULL STACK DEVELOPER INTERN

Pune, Maharashtra, India
June 2018 - July 2018

• Created RESTful apis
• Tried my hands on Angular 5/6
• Was responsible for Django backend development

Propeluss
DATA ENGINEERING INTERN

Pune, Maharashtra, India
October 2017 - January 2018

• Wrote various automation scripts to scrape data from various websites.
• Applied Natural Language Processing to articles scraped from the internet to extract different entities in these articles using entity extraction algorithms and applying Machine Learning to classify these articles.
• Also applied KNN with LSA for extracting relevant tags for various startups based on their works.

GeeksForGeeks
TECHNICAL CONTENT WRITER

Pune, Maharashtra, India
July 2017 - September 2017

• Published 4 articles for the topics such as Data Structures and Algorithms and Python

Softtestlab Technologies
WEB DEVELOPER INTERN

Pune, Maharashtra, India
June 2017 - July 2017

• Was responsible for creating an internal project for the company using PHP and Laravel for testing purposes
• Worked on a live project for creating closure reports using PHP and Excel

Projects

Pyresparser
PERSONAL PROJECT

API/Python Package
July 2019 - Present

• A simple resume parser used for extracting information from resumes
• Extract information from thousands of resumes in just a few seconds
• Author and maintainer of this project

Garbage Level Monitoring System
TEAM PROJECT

IoT
October 2017 - May 2018

• To find a economical and smarter alternative to current garbage problems
• Users can monitor levels of all garbage bins from a global dashboard provided
• Was responsible for Django backend development

Pygorithm
API / Python Package

PERSONAL PROJECT · *July 2017 - Present*
- Author and maintainer of this project
- An educational library to teach all the major algorithms
- Got covered in Fosstack, FullStackFeed, Kleiber and Tagged under Hotest Github Project on ITCodeMonkey

Smart Surveillance System using Raspberry Pi and Face Recognition *IoT*
PERSONAL PROJECT · *January 2017 - February 2017*
- Face Recognition using OpenCV and Python
- Raspberry Pi was used as the data server
- User notified if any suspicious activity detected in real time

Password Strength Evaluator using Machine Learning *Machine Learning*
PERSONAL PROJECT · *March 2017*
- SVM algorithm used for training and classification
- Flask framework used
- Self-generated dataset

Education

Marathwada Mitra Mandal's College of Engineering *Pune, Maharashtra, India*
B.E. IN COMPUTER ENGINEERING · *2014 - 2018*
- Aggregate 74%

Skills

Programming Languages: Python, C, PHP, C++, Shell Script
Frontend Technologies: HTML, CSS, JavaScript, Angular 6/7
Backend Technologies: Django, Flask (Python), Laravel (PHP), Spring
Operating Systems: Linux, Unix, Windows
Databases: MySQL, SQLite, MongoDB
Other: Git, NLP, Scikit-Learn, OpenCV, Cloud (GCP, Azure, DigitalOcean)

Honors & Awards

2018 **Top rated Python developer**, in Pune and **Fifth** in India at Github *India*
2018 **Quora Top Writer** *India*
2018 **Awarded 'The Best Outgoing Student Award 2017-18'** *MMCOE, Pune*
2018 **Won 2nd Prize**, in an Hackathon organized by MIT-ADT Persona Fest 2018 *Pune*

Extracurricular Activities

Contributor in Pune PyCon 2018
PUNE, MAHARASHTRA, INDIA *2018*
- Was a part of Website Designing and volunteering committee

Mentor at GirlScript Summer of Code 2019

PUNE, MAHARASHTRA, INDIA   *2019*

• Mentored 4+ teams in various domains

Organizing head for the National level technical event - Innovatus

PUNE, MAHARASHTRA, INDIA   *2018*
• Organized project competitions

Workshop on IoT and Python

MMCOE, PUNE   *10 Jan 2017*
• Conducted a workshop for second year students to give them a brief overview about IoT by completing three mini projects and taught them basics of Python programming language

Publications

Smart Surveillance System using Raspberry Pi and Face Recognition   DOI10.17148/IJARCCE.2017.64117

Garbage Level Monitoring System

Interests

• Competitive Programming
• Photography
• Sketching
• Reading/Writing on Quora
• Contributing to Open Source projects