Subhasya Tippareddy

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EDUCATION

Master of Science, Computer Science   **Aug 2023 - Present**
University of South Florida, Tampa, United States

Bachelor of Engineering, Computer Science and Engineering   **Jul 2018 - Jun 2022**
Neil Gogte Institute of Technology, Hyderabad, India
COURSEWORK: Programming in Java, C, and Python, Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Operating Systems, Web Technologies, Computer Architecture

WORK EXPERIENCE

Software Engineer, Experian Pvt. Ltd., India   **Sep 2022 - July 2023**
- Built an automated file scan service using Apache airflow that performs malware scan on all external files and transfers to the desired destination, this service is used by more than 20 teams and over 1 million files have been transferred so far.
- Designed and developed new features for the environment, fixed various bugs, critical production and performance issues
- Created and managed various AWS resources using Terraform - EC2, S3, VPC and other services

Software Engineer Intern, Experian Pvt. Ltd.   **Nov 2021 - Sep 2022**
- Was part of the core platform infrastructure & services team
- Performed Unit testing for APIs using JUnit5, Mockito2
- Created a platform on top of AWS for teams to automate workflow management using Apache Airflow in Single and distributed architecture. Onboarding and support for 10+ teams

SKILLS

Programming Languages - Python, Java, C, HTML, CSS, JavaScript
Tools & technologies - Apache Airflow, Terraform, Amazon Web Services, Jenkins
Databases - SQL, MongoDB
Frameworks - Django, REST, Junit5, Mockito, Flask, React, Nodejs (Basic)
Operating Systems - Windows, Linux
Machine Learning, CNNs, Data Analysis Techniques

PROJECTS

Smart Attendance System
Developed a system to automate attendance via face recognition - record the hourly attendance in an Excel sheet and send an email. Technologies & Libraries - OpenCV, openpyxl, NumPy, Flask, MongoDB

'SnACk' – Food Ordering System
'SnACk' is a responsive website for students to pre-order food, in order to reduce the waiting time and crowd at the college canteen. Tech Stack – Django, Bootstrap, HTML, CSS, Python, SQLite

CERTIFICATIONS

Neural Networks and Deep Learning, Coursera   May 2020 - Jun 2020
Machine Learning for Engineering and Science Applications, NPTEL   Jan 2019 - Apr 2019
Joy of Computing using Python, NPTEL   Jul 2018 - Oct 2018

INTERESTS   Book reading, Cooking, Swimming
LANGUAGES   English, Telugu, Hindi