

Subhasya Tippareddy

subhasya.tippareddy@gmail.com | /in/subhasya-tippareddy/ | +1 (656) 216-5144 | Tampa, FL 33613

EDUCATION

Master of Science, Computer Science

Aug 2023 - Present

University of South Florida, Tampa, United States (CGPA - 4.0/4.0)

COURSEWORK: Computer Architecture, Theory of Algorithms, Security & Privacy in Machine Learning

Bachelor of Engineering, Computer Science and Engineering

Jul 2018 - Jun 2022

Neil Gogte Institute of Technology, Hyderabad, India (CGPA - 3.55/4.0)

COURSEWORK: Object Oriented Programming in Java, C, and Python, Data Structures and Algorithms, Computer Networks, Operating Systems, Web Technologies, Database Management Systems, Machine Learning, Data Science

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 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, EMR, EFS & 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 and achieved a code coverage of 98%
- 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, Git

Libraries - Numpy, scikit-learn, OpenCV2, matplotlib, pandas

Databases - SQL, MongoDB

Frameworks - Django, REST, Junit5, Mockito, Flask, React, Nodejs (Basic)

Operating Systems - Windows, Linux

Machine Learning, Convolutional Neural Networks, 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

The Granius Store

A website to manage and modify the different types of grains and seeds available using 'ejs' (Embedded JavaScript). Tech Stack – expressjs, MongoDB, HTML, CSS, JavaScript

INTERESTS Book reading, Cooking, Swimming

LANGUAGES English, Telugu, Hindi