

TUSHAR GOYAL

Python Developer

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Portfolio | **Linkedin** | **GitHub**

EDUCATION

St. Andrews Public School

10 Science

CGPA: 8.2

Agra , India

April 2014 - April 2015

St. Andrews Public School

10+2 Science

Percentage: 88.4%

Agra , India

April 2016 - April 2017

Ajay Kumar Garg Engineering College

Bachelors of Technology Mechanical Engineering

CGPA: 7.9

Ghaziabad , India

July 2018 - July 2022

EXPERIENCE

Cogninzant Technology Solutions | Junior Software Engineer Noida India | October 2023 - Present

Submission Utility Framework

- Used Python to test API's and handle JSON data manipulation via Python Pandas library for extraction and migration of data from Mysql to Mongo db .
- Written Python code with Object Oriented Approach for handling of data in JSON. Connection to databases. Written SQL queries for data migration. Taken care of error handling .

Cognizant Technology Solutions | Software Engineer Trainee Noida India | October 2022 - October 2023

Neuro IT

- Used Python to test API's using Postman for user authentication and data transfer from backend to frontend.
- Read and write data to files using file handling, Exception handling, handle json data , database connectivity

Cognizant Technology Solutions | Intern

Noida India | Feburary 2022 - May 2022

Problem solving in Java, SQL, Python

- Got rank 1 in the whole internship batch of same domain

SKILLS

Programming Languages: Java, Python, SQL, Javascript

Libraries/Frameworks: Pandas, Numpy, Beautifulsoup, FastApi, Pyodbc, Pillow

Tools / Platforms: Postman

Databases: MySql, MongoDB, SQL server

PROJECTS / OPEN-SOURCE

Employee Management System | [Link](#)

Python, Javascript, Mongodb, HTML, CSS, Flask

- Login using username:Admin and password:Admin
- Admin can add new user or employee to the system. He/She can remove employees from the database.
- Two types of employees managers and staff. Staff reports to a particular manager. A manager can report to other manager or Admin.
- Manager can assign tasks to a employee reporting to him. He/ She is responsible for tasks approval and leaves approval requests of employee.
- A user can apply leaves that is approved or rejected by the concerned manager. A manager can pull a employee under him if required. Request needs to be approved by the current reporting manager.

Invoice Generator Tool | [Link](#)

Python, Ms Access Db, HTML, CSS, Javascript,

- This tool generates invoices to the customer as jpeg images. It takes input from user like details of the invoice to be generated via frontend.

- Data from the frontend is passed through API's to the server where actual manipulation occurs.
- This data gets to server in JSON format. After getting the data a Python script adds the data to the desired positions in the template image.
- The image gets saved locally and all the data gets stored in Access Database. A random unique invoicecode is assigned to the particular image. Server returns the response as image and invoicecode.
- After the response is reached image is downloaded. User can also search for previous invoices by searching them. If image path present in database then image gets downloaded.

CERTIFICATIONS

- Excel Beginner To Advanced - **Udemy**
- SQL For Data Science - **Coursera**
- JDBC And MySQL - **Udemy**
- Python - **Hackerrank**
- SQL - **Hackerrank**