


SWAPNIL GUPTA

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EDUCATION

National Institute of Technology, Tiruchirappalli

Master of Computer Applications, CGPA: 7.63

July 2018 – June 2021

Tiruchirappalli, Tamil Nadu

EXPERIENCE

Halliburton Development Center India (LLP)

Software Developer

March 2022 – August 2023

Bengaluru, Karnataka

- Worked on DS365.ai Dashboard using Angular to provide users with a one-stop solution for implementing various Machine Learning Algorithms.
- Developed User Interface from scratch with Angular components and collaborated with APIs to fetch and display dynamic data, enhancing the user experience and ensuring seamless data integration.
- Developed Python scripts to automate MS Excel tasks and processes, improving efficiency and accuracy.

HSBC Electronic Data Processing India Private Limited

Analyst

March 2021 – March 2022

Kolkata, West Bengal

- Developed a Monitoring Dashboard using Python, Dash, and CSS to generate multiple graphs on a single platform and use CRMI as a database
- Performed regular transaction monitoring activities to mitigate the risks associated with financial crimes proactively, leveraging data analysis to detect trends and generate actionable insights.
- Created an Email template that generates email newsletters automatically based on the team's internal update on confluence.
- Maintained direct communication with stakeholders to understand Business ideas and implementation.

Trawello HealthyKID

Intern

December 2019 – January 2020

Trichy, Tamil Nadu

- Worked on Health Tracker Web Application, which stores and visualises student health implications based on physical tests and checkups.
- Implemented REST API for authentication and user registration.

PROJECTS

TemplateEASE | Django, React JS

- Created a web app using React JS (frontend) and Django (backend) for uploading, editing, and downloading .docx files with formatting preservation.
- Ensured full functionality of the app on a local server for a seamless user experience.

Recall The Forgotten System | Python

- Project involves tracing remote objects using an Android Application that sends a signal to the remote object to locate it.
- It works with Arduino Uno, Wi-Fi chips, and radio-frequency transceivers.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C/CPP
- **Web Technologies:** Angular, TypeScript, HTML/ CSS
- **Databases:** MySQL, Google Firebase
- **Version Control/Management Tools:** Git, Github, Azure DevOps
- **Tools:** Chrome developer tools, Postman, MS Excel, Jupyter Notebook, Power BI
- **Soft Skills:** Teamwork, Communication, Leadership, Time Management

CERTIFICATIONS

- Python Specialization (Coursera)
- Introduction to Structured Query Language (Coursera)
- Getting started with Power BI (Coursera)

ACHIEVEMENTS

- Secured AIR 52 in NIMCET, All India MCA Entrance Exam in 2018
- Secured 1st Position in THINKLTICS IN LOGIN'19 (A National Level MCA Technical Symposium, PSG College, Coimbatore).

POSITIONS OF RESPONSIBILITY

- Treasurer, Open-Source Open Community, NIT Trichy.
- Design and media Co-Ordinator, NITTFEST'2020, NIT Trichy.
- Chairman, Printing and Publishing Committee, NIT Trichy.