

ANIKET MISHRA

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EDUCATION:

B.Tech in Computer Science, SRM Institute of Science and Technology

Percentage: **81.92%**

May, 2016 - June, 2020

EXPERIENCE:

Systems Engineer, Data and Analytics, Infosys

Oct 2020 – Present

- Performed ETL operations and managed databases using **Informatica**
- Created **mappings, sessions, and workflows**
- Ran and maintained workflows and dealt with all issues and inconsistencies in data.
- Worked closely with clients in an ever evolving environment.

Data Analysis Intern, Infosys

Jan 2020 – Mar 2020

- Established a deeper foundation of data analytics tools in python and SQL.
- Worked using the Anaconda Distribution system and used **Numpy, Pandas, Scikit-Learn, Matplotlib, and Seaborn**.
- Analysed multiple real world datasets.
- Capstone projects: UCL Salary Prediction and Bank Customer Segmentation.

Core Team and Developer, Codezoned

July 2018 – Oct 2020

- Led the dev team to create the company's official website.
- Organized multiple Hackathons.
- Worked continuously on the GIT ecosystem and understood version control and programming standards.
- Contributed to multiple open source projects.

Full Stack Web Developer, Phoenix Software Solutions

May 2018 – July 2018

- Built a fully functioning GST billing website for a mobile seller agency complete with invoices and database management.
- Used HTML, CSS and JavaScript with AJAX for front-end, PHP for backend and MySQL as database.
- Real time management of data was added.

PROGRAMMING PROJECTS:

Third Eye – Threat Detection System: HAC'KP-20

Aug 2020

- Recognize faces from the database and update the time the camera captured it.
- Used **CMake** and **dlib** for connecting packages, **opencv** and **face-recognition** to perform face recognition, and, **db-sqlite3** for database management.

Monthly Sales Analysis: - 1 year of data

- <https://github.com/Aniket-Mishra/playing-with-data/tree/master/salesanalysis-data-2019/>
- Combined 12 datasets (one for each month of 2019), preprocessed it, and performed analytics to solve business problems
- Used **Pandas, Matplotlib, Numpy, Seaborn** and **Scikit-learn**

Pipinstall:

- <https://github.com/codezoned/pipinstall>
- A **python command line app** that allows the user to install python libraries directly from pip without having to install them one by one.
- The user can provide the domain and the location of the virtual environment and the libraries will be downloaded there.

Heart Failure Severity Detection:

- <https://github.com/Aniket-Mishra/HeartDisease>
- Used **Artificial Neural Networks (ANNs)** using persistent instead of temporal data for better spectrum of use.
- **Keras** to build the **Neural Network**, **Sklearn** for preprocessing, **Matplotlib** for visualization.
- The user can provide the domain and the location of the virtual environment and the libraries will be downloaded there.

UCI Adult Data Analysis

- Preprocessed and managed the inconsistencies in the dataset.
- Analysed data to predict whether a person has an earning potential on greater than \$50,000 or not and visualized it.
- Multiple Models were created to predict the earning potential.

PUBLICATIONS:

SRFBGAN: Super-resolution Feedback GAN JETIR Conference, 2020

May 2020

- Increased resolution of images using Feedback Loops in Generative Adversarial Networks (GANs)
- Developed a novel generator model and preprocessed the images.
- Used PyTorch to build the model, PIL for image preprocessing, Scipy and Numpy.
- Used PSNR and SSIM for the model to other state of the art models

CONFERENCES / HACKATHONS:

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| • Best Research Paper award, RCICD, 2020 | May 2020 |
| • Top Qualifiers, HAC'KP 2020 | Aug 2020 |
| • Smart India Hackathon Participant, SIH 2020 | June 2020 |
| • Winner, 1 st position, Robotics Competition (Arduino), SRM University | Mar 2018 |
| • ESS Session, HYLC conference – 2017 | Jan 2017 |

Volunteering Experience:

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| • Lead Technical Team , HAC-2020 , MLH Member Hackathon | Aug 2020 |
| • Organizer, UHack , 2018, SRM University | Aug 2019 |
| • Organizing Volunteer, Alertathon 2018 (In partnership with Codezoned) | Nov 2018 |

Technical Skills:

- **Operating System: Windows:** All distributions; **Linux:** Ubuntu, Mint
- **Programming Languages: Python 3.XX (5/5), C (3/5), C++ (3/5), Javascript (3/5), SQL (4/5)**
- **Database and Client/Server Technologies:** MySQL, Netlify, Heroku
- **Software Tools: Pandas, Scikit-Learn, Keras, Seaborn, Flask, Excel**
- **Version Control:** Git

Certifications and Specializations:

- Programming, Data Structures and Algorithms in Python, NPTEL (Certification)
- Statistics with Python Specialization, University Of Michigan (Specialization)