

Patwari Saikiran

Computer Science And Engineering(CSE)



9618027770



<https://www.linkedin.com/in/patwari-saikiran>



saikiranpatwari99@gmail.com



Technical Profile

- **Programming Languages:** C, C++, Python, Java, Javascript, Proficient in Data Structures and Algorithms
- **Web Technologies:** HTML, CSS, Javascript, JDBC, Angular, fundamentals of django
- **Databases:** MongoDB, MySQL
- **Tools:** Github, Android Studios, Jenkins (Continuous Integration), MySQL workbench, Eclipse, Jupyter Notebook, postman
- **Technologies:** Springboot, JPA, kubernetes, Angular
- **Operating Systems:** Linux, Windows, MacOS



Work History

2021-05 - 2022-03

Junior Software Developer

Morgan Stanley, Bangalore

- Worked on an epic, migration of a grunt (MSGrunt -a morgan stanley variant of grunt) to npm build tool and documented the steps, made it accessible firm wide.
- Contributed to digital technology projects from concept to implementation.
- Assisted with maintenance and upkeep of front end applications (Angular, AngularJS, MSGrunt).
- Estimated project scope and participated in design discussions and code reviews.

2019-06 - 2019-07

Summer Intern

BARELOGICS PVT LTD, Hyderabad

- Worked on project - **Face Recognition using OpenCV** (Python, OpenCV), which consisted of 2 parts,
- First part, upon execution captures the pictures of the face of the person in front of the camera, along with their name(to be entered by the user) and stores it locally, to train the model.
- Second part, upon execution, opens the camera and scans for faces, identifies (highlights) the faces and displays name of the face, if its match is found in the local database.

2020-04 - 2020-08

Summer Intern

CANTILEVER LABS PVT LTD, Hyderabad

- Worked on project - **Online Car Rental scheme using JDBC** (HTML, CSS, Javascript, Java, Tomcat, Mysql)
- Built a web application using Java(DBC), tomcat and Mysql for backend, HTML, CSS and Javascript for frontend.
- Aim of the project is to eliminate the middlemen between the renters and the lenders, allowing a fair, transparent and direct car rental business to take place between them.
- The application allows consists of various types of profiles like renter, lender, admin based on thier role.
- This application fits into any security related use cases with a fairly decent accuracy.



Education

2017-08 - 2021-09

B.Tech: Computer Science And Engineering

Greenidhi Institute of Science And Technology - CGPA - 7.86

2015-06 - 2017-05

Senior Secondary

FITJEE - Percentage - 93%

2014-03 - 2015-03

High School

Little Flower High School - CGPA - 9.0



Personal Projects

Placement Prediction and Data Visualization (Python, Flask, Plotly, various supervised ML Algorithms)

- Requested collage for the past 10 year's placement related data, normalized, cleaned and pruned the data, finally combining them all to obtain single dataset.
- Tried fitting the data into various Classified Machine Learning models like SVM, K-NN, Naive Bayes classifier to build the more accurate model
- Built a flask web application, to provide interface for the user, and to display the data visualization plots.

Image Enhancement using GANS (Python, Pytorch, Neural Networks)

- The aim is to enhance the quality of a LR (low resolution) image to a High Resolution using GANS (Generative adversarial network)
- Did a comparative analysis of the CNN model with other techniques like Median Filtering, Wiener Filter to obtain better results.
- Created a simple graphical user interface, for the users to interact with our model.

Stock Prediction using Machine Learning (Python, various supervised ML algorithms)

- Trained the machine learning model using Random Forest, adjusted weights and biases to maximize the model's performance.
- Dataset of the stocks was taken from Kaggle.
- Created a GUI to take inputs and to show the result, using Python.



Certification and Courses

National Program for Technology Enhancement Learning Certification (NPTEL Certification)

- The Joy of Computing using Python (Silver in NPTEL)
- Data Base Management System (NPTEL)
- Problem Solving through C (NPTEL)

Coursera Certifications

- Applied Machine learning in Python (Coursera)
- Applied Text Mining in Python (Coursera)

Simplilearn Certifications

- Introduction to Cloud Computing
- Getting Started with DevOps

Other Certifications

- Industry Readiness Training Program (Cantilever labs)
- Cleared round of Google Hashcode 2020 competition



Extra Curricular Activities

- **Team Lead, Street Cause**, Hyderabad, India

Supervised and Administered a team to organize fund raising events, and use them towards orphanages and old age homes

- **Part of a club called ECA (Emerging Computer Arena)**,

Led by a bunch of seniors. Here the seniors teach/share/pass on their technical knowledge to the juniors, along side conducting fun competitions/hackathons