ANKITA KUMARI PATRO

Machine Learning Engineer

CAREER SUMMARY:

Having a strong knowledge in Machine Learning and analytics. Passionate about cutting edge technology and solving real world problems. Having approx 2 years of industrial experience with strong coding ability in producing clean and efficient code as well as in debugging and understanding code bases.

CONTACT INFORMATION:

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WORK EXPERIENCE:

SOFTWARE ENGINEER

Cavisson System Inc.
Oct. 2020 - Present

- **Root Cause Analysis:** Developed an automated analysis tool that identifying the underlying causes of server incidents so that the most effective solutions can be identified and implemented.
- Built Rest API for web applications.
- **Third-Party Integration services** (i.e- slack, Webex, pager duty, Microsoft teams, service now) with root cause analysis tool.
- **Anomaly Detection:** Developed an anomaly detection algorithm that determines outliers in real-time data.
- Shell Scripting to automate the installation process.
- Gathered data on integration issues, vulnerabilities and reported all findings, including improvement recommendations.

ASSOCIATE SOFTWARE ENGINEER

Cavisson System Inc.
Sept. 2019- Sept. 2020

- Debugged code and located root causes of problems by reviewing configuration files and logs.
- Maintained existing applications and designed and delivered new applications.
- Stored, retrieved, and manipulated data using shell script and, JSON parsing.

STUDENT TRAINEE

Datamites
May 2019 - Sept. 2019

- Data Scientist Training
- Data Science Foundation Exam, Scored 92%

EDUCATIONAL HISTORY:

GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (GIET), GUNUPUR, ODISHA

Bachelor's Degree in Technology (Hons.) - 2016-2020

- Office Bearer(ASCE)
- sgpa - 8.9

SSVM , NEELAKANTHA NAGAR (BERHAMPUR)

Intermediate

- Cultural club member
- 75.83%

AREA OF EXPERTISE:

Machine Learning	Python
Rest Api	Sci-kit learn
Pandas	Numpy
Sci-py	OpenCv
Linux	Shell Scripting
PostgresSQL	Json
Core Java	Keras
NLP	Data Processing
ML Algorithms	Computer Vision
Data Structures	Algorithm
Scikit-image	Matplotlib
Regression	classification

OTHER SKILLS:

- Problem Solver
- Team Player
- Detail oriented
- Quick Learner

HOBBIES AND INTEREST:

- Reading books
- Surfing internet
- Explore new technology

Projects:

LICENSE PLATE CHARACTER DETECTION

- Applied Automatic edge detection algorithm i.e- canny edge detector to find the characters present.

STOCK PRICE PREDICTION

- Applied Deep Learning Model LSTM to find the trend of market share
- Required Data Processing and analysis Skill and Using ML Techniques.

ITSM INCIDENT MANAGEMENT ML PROJECT

- Applied ML on Business Problem to cure Incident Management.
- Required Data Preprocessing Skill and Machine Learning Techniques.

TWITTER SENTIMENT ANALYSIS

- Opinion Mining, Analyse sentiments of people over a particular tweet or person.

CAT VS DOG FINDING (IMAGE PROCESSING)

- Applies CNN to detect a particular identity among a huge set of images.

GROCERY MANAGEMENT SYSTEM

- Python and SQLi Server implemented software suitable for Grocery Shop.
- It can Print Bills, Check Stock Availability, and Suggest what to buy.

CERTIFICATES AND ACHIEVEMENTS:

- **Data Science Foundation(IABAC)**
  credential - https://www.iabac.org/verify-certificate?
  certNum=IAB1120170936
- **Hackerrank Python, Java, Rest API Certification**
  credentials -
  https://www.hackerrank.com/certificates/3f83b95e82d5
  (PYTHON)
  https://www.hackerrank.com/certificates/6c135f0c8020
  (REST API)
  https://www.hackerrank.com/certificates/2ee37ca3601f
  (CORE JAVA)
- **Udemy - Machine Learning A-Z Certification**
- **Udemy - Python for computer vision with OpenCV**
- **Big Data and Hadoop Certification**
- **OpenCv - 101 (openCv basics) - pyimagesearch University**
  https://www.credential.net/f0d95fa3-7a8a-4355- 8b56-
  0407410a73e0
- **OpenCv - 102 (Baisc image processing operation)-
  pyimageSearch University**
  https://www.credential.net/e23d276e-b4cf-4096-9edf-
  0beba65145d3#gs.1xk0uw
- **OpenCv - 104 (Histograms) - pyimageSearchUniversity**
  https://www.credential.net/ea3a76ad-48ff-448e-a7fc-
  13cc4f32ddb7#gs.1xk8eq