Pratik Pandab

AI & DEVOPS SPECIALIST

PROFILE

Data Science Specialist having a decent working knowledge of cutting-edge technologies & a background in statistics, loves to tackle real-world problems; having an inclination towards adding value through creative modifications to the final solution.

PERSONAL DETAILS

Birth date
28-04-1999

Address
Lane-2, Durga Nagar Road, Vidisha, PIN - 464001, M.P.

CONTACT

- pratikpandav28@gmail.com
- pratik_pandav28
- https://pratik-1999.github.io/
- https://www.linkedin.com/in/pratik-pandab-193b43143/

PROFESSIONAL EXPERIENCE

Project Lead
TEAM: NIRMAAN   Nov 2019 - Present

Designed a fully-functional soil-monitoring system using AI, IoT to track various soil parameters, weather conditions, etc. to help in maintaining soil health. Deployed its prototype in the form of a REST API to efficiently scale on demand & managed the project's daily progress. Handled the DevOps & Crop Prediction model workload to provide a quality solution on tight deadlines.

Deep Learning Engineer
EMINERE TECH SOLUTIONS   Aug 2019 – Sept 2019

Designed a deployable computer vision model API for cloth segmentation, retrieving the closest match of that fashion item in the nearby store's database at scale. Achieved above 96% accuracy in most cases for the desired target classes. Used the architecture of Mask-RCNN with customizations in the FPNs and Convolution Networks.

Machine Learning Intern
CAREER LAUNCHER   Jun 2019 - Aug 2019

Responsibilities included Stock Market Analysis, Trend Predictions, Feature engineering. Designed an Efficient Market Portfolio taking a no. of stocks into account using MPT, CAPM and beta analysis to maximize profit upon risk. Designed a Stock Predictor using RNNs improved using LSTMs to acquire very accurate predictions.

Research Assistant
RESEARCH: RECOMMENDATION SYSTEMS   Dec 2018 - May 2019

Designed a recommendation system using collaborative filtering for efficient information retrieval. Built, tested & tuned heuristics to improve the predictions by weighing different similarities. Developed a fully-featured python library encapsulating the innovations to provide access to other users working in the same field.

EDUCATION

B. Tech in Computer Science and Engineering
SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA   2017 – 2021
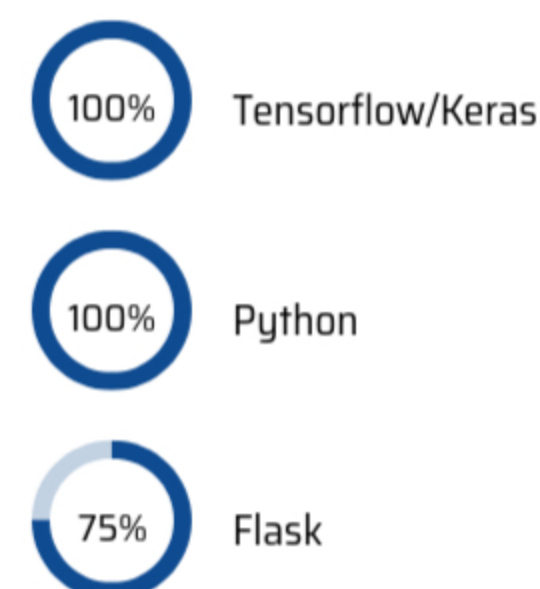
AISSCE in PCM
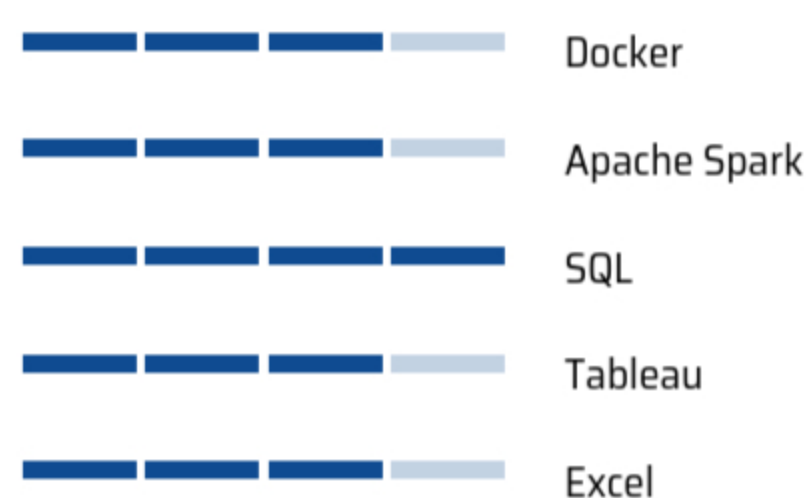**D.A.V. PUBLIC SCHOOL, AERODROME AREA, BHUBANESWAR**   2015 - 2017

TOP SKILLS

- 100% DevOps
- 100% Deep Learning
- 75% Statistics

TOP FRAMEWORKS/LANGUAGES

- 100% Tensorflow/Keras
- 100% Python
- 75% Flask

OTHER SKILLS

- Docker
- Apache Spark
- SQL
- Tableau
- Excel

AWARDS & RECOGNITIONS

- ✔ "GCP Champ" in Kubernetes
- ✔ NEC IIT-Bombay 2019 Finalist