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

▽ pratik-1999.github.io

in bit.ly/prtk999

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   attr(placeholder)

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   attr(placeholder)

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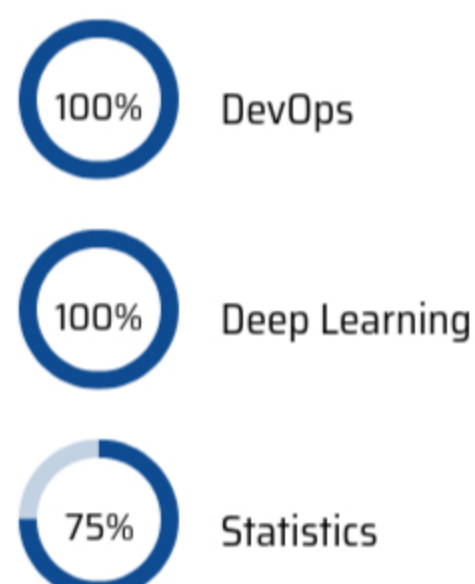**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA**   2017 – 2021
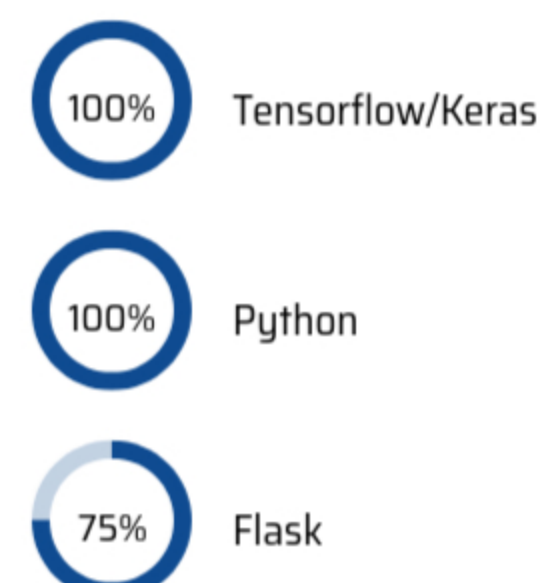
AISSCE in PCM
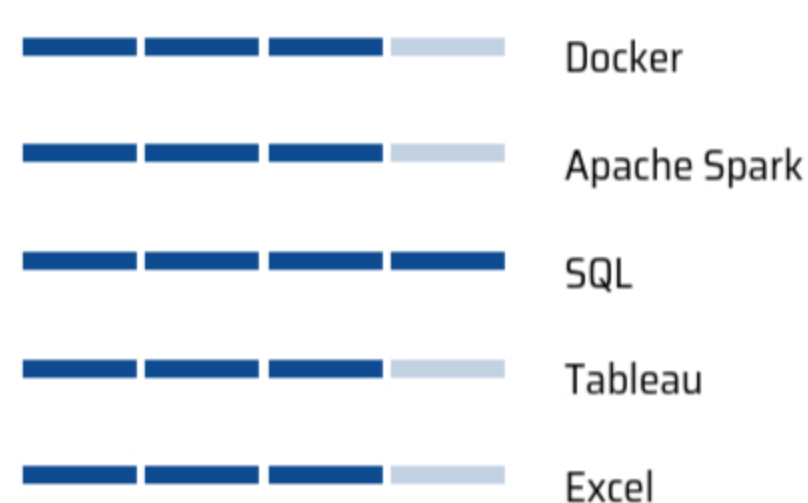**D.A.V. PUBLIC SCHOOL, AERODROME AREA, BHUBANESWAR**   2015 - 2017

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