



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://github.com/pratik-pandav28)

 [pratik-1999.github.io](https://github.com/pratik-1999)

 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

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

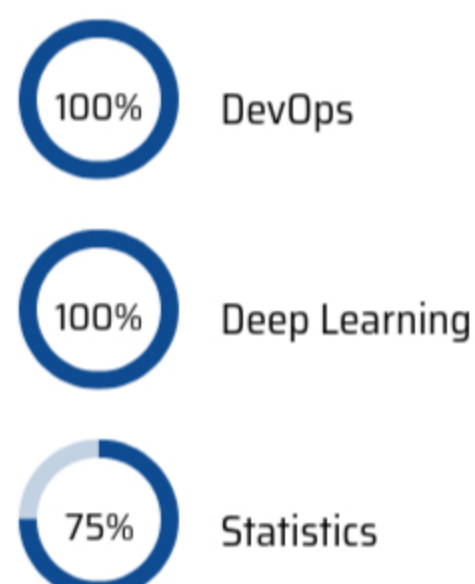
2017 - 2021

AISSEE in PCM

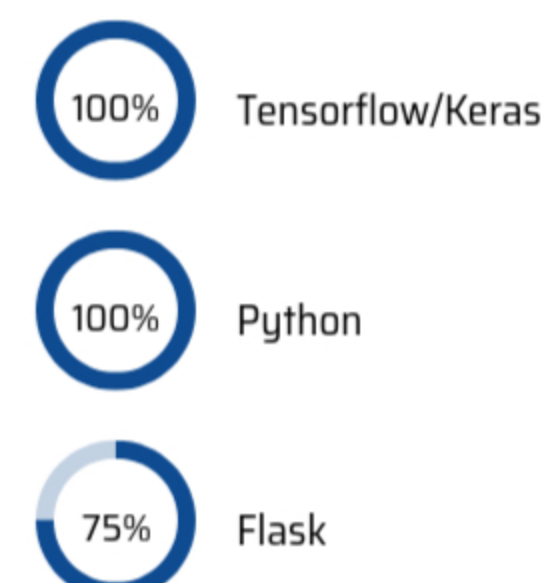
D.A.V. PUBLIC SCHOOL, AERODROME AREA, BHUBANESWAR

2015 - 2017

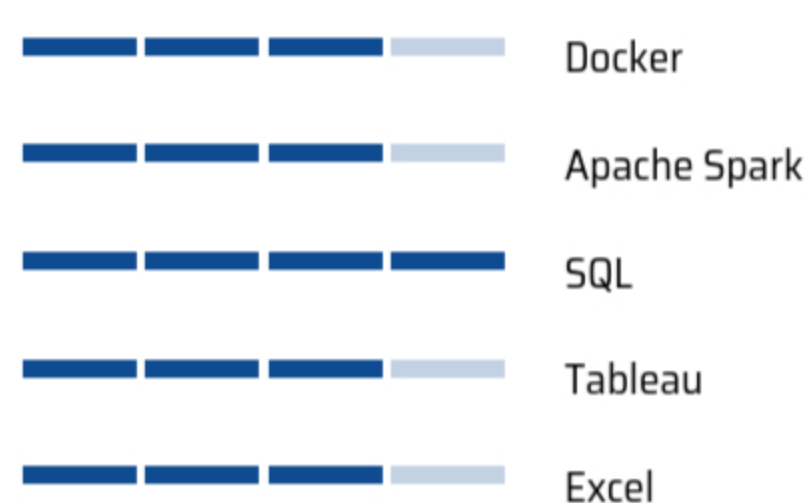
TOP SKILLS



TOP FRAMEWORKS/LANGUAGES



OTHER SKILLS



AWARDS & RECOGNITIONS

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