PRATIK MUKESH SAVLA

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PROFILE SUMMARY

Fascinated by AI and like building architectures that exhibit "intelligence" and deploy novel models to solve real world problems. I also like to develop exceptional websites and web apps that provide intuitive, pixel-perfect user interfaces with efficient and modern backends.

EXPERIENCE

Trainee | STEM Institute @National University Of Singapore | 2019-06 – 2019-07
Learned and applied data analytics using machine learning and deep learning algorithms. Made multiple projects as the part of internship.

Trainee | Hewlett Packard Enterprise Education | 2019-06 – 2019-07
Learned and applied basics of hadoop, sqoop, flume, hive, hbase, spark administration. Worked on the project of data ingestion and analysis on us twitter airline dataset.

MEMBERSHIPS AND ORGANIZATIONS

AI Researcher | Next Tech Lab | 2018-02 – 2020-01
Done research in computer vision and neural networks. Worked on various projects based on machine learning, computer vision and deep learning.

Member | SRM ACM | 2018-08 – 2019-08
Made various projects based on machine learning, computer vision and deep learning. Participated in hackathons.

EDUCATION

B. TECH |2017-07 - 2021-05 | SRM Institute of Science and Technology | 9.05 - CGPA
Major: Computer Science

HSC GRADE 12TH |2015-07 - 2017-04 | K. M Agrawal Jr. College of Arts, Commerce & Science | 74.92%
Major: Physics, Chemistry, Mathematics and Electronics

SSC GRADE 10TH | 2005-06 - 2015-04 | Mohindar Singh Kabal Singh English High School | 79.80%

SKILLS

Artificial Neural Networks, Computer Vision, Data Analytics, Web development
Languages
Python, C, C++, Java, R, Html, Javascript, C#, Mysql
Web Development
React.js, Node.js, TypeScript, Express, Firebase, MongoDB, Java Spring
Deep Learning Frameworks
Tensorflow, Keras, Pytorch
Data Management
Pattern And Trend Identification, Visualization Of Data Insights, Hadoop

PROJECTS

AIO CHATBOT
This is all in one chatbot. It has face recognition built-in. Emotion data is also used in the conversation. It can search anything you ask on the internet.

NEXTJS-ECOMMERCE WEB APP
Technologies used: Nextjs + Mongodb + React Hook + Bootstrap 5.

PARKING SPACE ALERT
Parking space alert in real time via sms using tensorflow m-rcnn model by matterport.

AIRLINE TWITTER SENTIMENT ANALYSIS
Sentiment analysis on us airline twitter dataset using hive on cloudera.

VISUAL QUESTION ANSWERING
Real world visual question answering model using transfer learning, trained on vqa dataset using keras.

CREDUCATE
CREDucate is the platform where institutions can issue educational credentials to students who have registered under them and verifiers(other institutions) can request and verify those credentials.

COURSEWORK

COURSERA
Neural Networks And Deep Learning
Improving Deep Neural Networks: Hyperparameter Tuning, Regularization And Optimization
Structuring Machine Learning Projects
Convolutional Neural Networks
Sequence Models
Machine Learning By Prof.Andrew Ng