Amish Dhandhukia

Developer with professional experience in delivering quality software and passion for Data Science and Tech

+91 9920 455036
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LinkedIn
Personal Website

SKILLS

- Machine Learning
- Deep Learning
- Predictive Modeling
- Natural Language Processing
- Deploying Model
- Web Scraping
- Data Structures & Algorithms
- Software Engineering
- Team player, Quick learner

TOOLS & PROGRAMMING

- Python, Java
- SQL
- Git
- Cloud - Azure Event-Hubs, Google Cloud Pub-Sub, Heroku
- Flask, HTML, CSS
- Apache - Kafka, AMQ, Camel, Fuse
- Maven, Spring Boot

PROJECTS

- News headline Classification Web app (app link) – **NLP** based predictive model trained on supervised dataset deployed using **Flask**.
- Captcha Solver – Image to Text based model using **OpenCV** to preprocess and **Scikit-Learn** to classify characters.

COMPETITIONS

- Kaggle - Riiid Answer Correctness Prediction (Rank in **Top 31 %**)
- Kaggle - Mechanisms of Action Prediction (Rank in **Top 54 %**)
- Kaggle - Predict Future Sales (Rank in **Top 30 %**)
- Analytics Vidhya - AmExpert - predicting coupon redemption

WORK EXPERIENCE

Systems Engineer, Developer
Tata Consultancy Services   **Jan'18 - Present**

- Developed **Web Services**, **REST APIs and Microservices** as Middleware ESB platform for a major Aerospace client.
- Analyzed client requirements for **Data Receive and Send** between services and designed Integration project solutions.
- Applied Business logic to Request stream, **Transforming**, **Serializing**, **Structuring** and **Formatting** response.
- Received multiple Appreciation awards for my contribution to project.

Trainee, A.I. Team   **Jun'17 - Dec'17**
Tata Consultancy Services

- Learned **Machine Learning**, **Deep Learning**, Neural Networks, Supervised classification, Predictive modeling and Model deployment.
- Performed object detection using Computer Vision and Convolutional Neural Network, Feature Extraction from high resolution satellite image using Google Earth Engine.

Internship, Data team
Nokia Here Maps Solution   **Apr'15 - Jun'15**

- Worked on summer project of Navigation Mapping, updating inputs in Map on target basis, learned the working of GPS tech used in automobile and Map tool.
- Received certificate for Contributing for consecutive two years 2014 – 2016.

EDUCATION

M.Sc. Information Technology   **CGPA: 8.88 / 10**
MCC Mulund, University of Mumbai   **Jul'18 - Oct'20**

B.Sc. Computer Science   **CGPA: 7.91 / 10**
K. J. Somaiya College of Science and Commerce   **Jun'15 - Mar'17**

COURSES

- Deep Learning Specialization by Andrew NG — Coursera
- Deep Learning and Computer Vision A-Z OpenCV, SSD and GANs — Udemy
- Deep Learning A-Z: Hands-On Artificial Neural Networks — Udemy
- Software Engineering Industrial Practices — Micro Degree

EXTRACURRICULAR

- Freelanced as a website developer
- Project Exhibitor in Vidyan Yagnya – College Science Fair — Dec'16
- Volunteered in International Physics Olympiad 2015, Mumbai, India — Jul'15
- Won 1st in I.T. Champs School Computer competition — 2012