

An optimistic, smart working and keen learner  
looking for assignments in data science to  
become a vital part of a team comprised of  
intelligent people dedicated to a common goal.

[milind.dalvi14@gmail.com](mailto:milind.dalvi14@gmail.com)  
+91-7738624226  
<https://www.linkedin.com/in/milinddalvi/>

## MILIND DINKAR DALVI

### HIGHLIGHTS

- 9.5 years of professional work experience (3.5 years in data science) with a key focus on Machine learning and Deep Learning with Python.
- Experience in Python OOPs concepts, package development, multiprocessing, RESTAPI, and database ORM using SQLAlchemy.
- Experience in cloud deployment with AWS-CloudFormation, EC2, Lambda, S3, ElasticSearch, IAM, Lex, VPC, Security Groups and GCP-AI Platform, Cloud Functions, Big Query, Cloud Storage, and Compute Engine.
- Experience with engineering tabular, time-series, and text datasets with Numpy, Pandas, Featuretools, Tulipy, NLTK, Spacy, and Gensim.
- Experience with machine learning and deep learning modeling using Scikit-learn, Xgboost, Catboost, LGBM, Ensembling, Stacking, Keras (including custom topologies with functional API), and FastAI.

### SKILLS & ABILITIES

- Python 3.x, MySQL, AWS, and GCP (Python SDK), Web Deployment (Flask, Tornado), Data visualization, Jupyter, Redis (Predis), PyCharm.
- OS Windows & Linux.

### SOLUTIONS DELIVERED

- Trade Settlement Prediction
- Email Classification
- Reading Comprehension Chatbot
- CTR Prediction
- Image Segmentation
- FAQ Chatbot
- AWS Connect Call Center Analytics

### PROFESSIONAL EXPERIENCE

#### TECHNICAL LEAD, TATA CONSULTANCY SERVICES

Aug 2018 - Present

- Currently working on the FAQ Chatbot project for Industrial equipment client using Amazon Lex, Lambda and Elastic Search supported with AWS Cloud Formation.
- Delivered multiclass classification for emails with the bag-of-words approach and deep learning with 80+% balanced validation accuracy for a healthcare client, deployed on the Google cloud platform.

- Delivered trade settlement prediction with extensive leak-free feature engineering and ensembled learning for an investment bank.
- Delivered reading comprehension chatbot in Python and C# Bot Framework using topic modeling with RESTAPI for SOP documents for an investment bank.
- Other tasks include requirement analysis, architecting solutions, interviewing candidates, task assignments, code review, and code documentation.

## SENIOR SOFTWARE ENGINEER, V2 SOLUTIONS

Nov 2016 - Aug 2018

- Delivered image segmentation case study for CamVid Video Dataset.
- Delivered binary classification solutions like CTR prediction, Loan default prediction using Logistic regression, Decision tree, and Random forests.
- Designed and developed Alexa Custom Skills with AWS Lambda and Account Linking for Salesforce application with Python and Echosim.io
- Delivered EDA for the Media Airing dataset using Pandas, Matplotlib and Seaborn.
- Developed sentiment analysis to analyze brand sentiments from Twitter and Facebook feeds with LSTM and Word Embeddings.

## SENIOR PHP DEVELOPER, ERGODE IT SERVICES

Aug 2015 - Nov 2016

- Delivered API integration for e-commerce market places like Amazon, Sears, Rakuten, NewEgg for existing products with Core PHP technologies.
- MySQL Query analysis and query load monitoring, Cron job monitoring on the Linux server.
- Developed vendor management web application using the Laravel framework.
- Maintaining client relations, ensure continual software development.

## PHP DEVELOPER, AIRPAY PAYMENT SERVICES

Jul 2014 - Aug 2015

- Delivered API integration for PG and Netbanking interface of SBI, AXIS, HDFC, AMEX cards.
- Delivered IVR integration using PHP-Java bridge for existing products.
- Developed MySQL database architecture for reconciliation modules.
- Providing telephonic assistance to clients for airpay module integrations.

## ASSOCIATE GEOGRAPHIC TECHNICIAN, HERE TECHNOLOGIES

Jul 2011 - Jul 2014

- Delivered "Community feedback system" a web portal to handle HERE maps update requests and resource allocation.
- Provide technical assistance for various in-house web applications and monitor process workflow for automation opportunities.
- Identify and perform map updates with Bison Atlas as per SOP guidelines provided verified using Arc GIS, County websites, and other official sources updated from time to time.
- Other achievements include 2 times the "Creative - Genius" Award from faculty.

---

## CERTIFICATIONS

- AWS CloudFormation MasterClass ([ude.my/UC-8d9c1e13-21da-4f13-8e76-e7ebcff547b2](https://u.de.my/UC-8d9c1e13-21da-4f13-8e76-e7ebcff547b2))
- Certificate Of Excellence In Algorithmic Trading (<https://certificates.quantinsti.com/jahlsqsd>)
- Complete Python Bootcamp ([ude.my/UC-4156HXG0](https://u.de.my/UC-4156HXG0))
- Deep Learning Prerequisites ([ude.my/UC-2BQC3K2G](https://u.de.my/UC-2BQC3K2G))
- Natural Language Processing In Python ([ude.my/UC-DXMLF6LN](https://u.de.my/UC-DXMLF6LN))
- AWS Cloud Practitioner Essentials (Second Edition)

## EDUCATION

### COMPUTER SCIENCE GRADUATE - MUMBAI UNIVERSITY - MARCH 2011

First Class 72.74%

### HSC - MUMBAI BOARD - MARCH 2008

First Class 63.83%

### SSC - MUMBAI BOARD - MARCH 2006

First Class 74.13%

---

## PERSONAL INFO

- Place and Date of Birth: 4th November 1990 (Panvel)
- Language Known: English, Hindi, Marathi
- Sex: Male
- Marital Status: Single
- Hobbies: Poker, Swimming, Sports Analytics (Horse racing)

---

## DECLARATION

I hereby declare that the above-written information is true to the best of my knowledge and belief.

---