Krish Naik

Experience in executing full life-cycle development projects; ramping up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Data Science, Machine Learning and Deep Learning** with an organization of high repute

Location Preference: **Bengaluru and Overseas**

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Profile Summary

- **Achievement-driven professional** with an experience of **nearly 9 years**
- Experience in architecting **Artificial Intelligence** applications **with Machine Learning, Deep Learning with Python. Deep Learning Techniques includes ANN,CNN,RNN, Advanced CNN and Advanced RNN with LSTM.**
- **Encoders, Decoders, Attention Models, Transformers, BERT**
- Skilled in libraries such as **Pytorch Keras, Tensorflow , Sklearn, Numpy, Pandas, Matplotlib, Tableau for Data Visualization**
- Extensive knowledge of working with **NoSQL databases like Mongodb, Dynamo DB** and **SQL databases like MySQL and SQL Server.**
- **Additional skills of C#, ASP.NET MVC, Sitecore CMS, Solr 5.5.1, MVC, SQL Server, AJAX and XML**
- Worked with **Devops teams** for creating **CI/CD Pipelines using Jenkin, CircliCI**
- Also **Worked Independently for Deployment of Models using Dockers and Kubernetes In AWS cloud, Google cloud and Azure.**
- Rich experience in all phases of the **software development life-cycle such as agile process** (requirements, design, development, testing, release, support), utilizing multiple development methodologies, including **Design Patterns, OOD, Extreme Programming, and Structured Programming**
- Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources and big data sources
- Corporate Training Experience for more than 2+ years
- **Contributor to the Data Science Community**
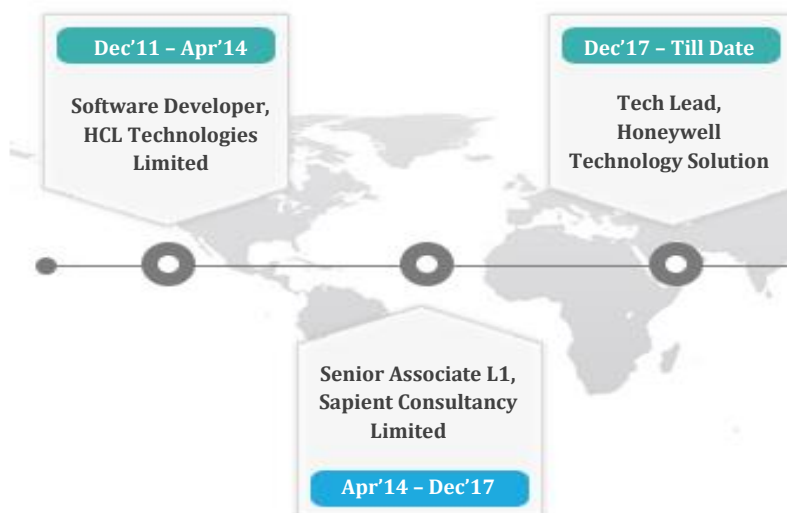
Core Competencies

Competency	Rating
Data Science	★★★★★
Machine Learning	★★★★★
Artificial Neural Networks	★★★★★
Convolutional Neural Networks	★★★★★
Predictive Modelling	★★★★★
Computer Vision & Image Processing	★★★★★
Quantitative Analysis	★★★★★
Training & Development	★★★★★
Deep Learning	★★★★★

Career Timeline

Dec'11 – Apr'14
Software Developer, HCL Technologies Limited

Apr'14 – Dec'17
Senior Associate L1, Sapient Consultancy Limited

Dec'17 – Till Date
Tech Lead, Honeywell Technology Solution

Work Experience

Panasonic R&D, Bengaluru   **Jan 2019-Till Date**

Key Result Areas:
- Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis
- Participating in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models
- Building various regression and classification algorithms by using various Sklearn libraries such as Linear Regression, Decision Trees, Ensemble techniques and Naïve Baye's
- Developing a model for predicting the sales for the Airlines Air Tickets based on seasonal and various occasions
- Drafting Machine Learning Models for test A/B content for clear decisions related to the products
- Contributing in Sitecore CMS web application development along MVC C# .net; creating various custom modules to fit the requirements
- Providing internal corporate training within the company for Data Science, ML and Deep Learning
- Designing the neural networks using Tensorflow for various internal projects within the company such as automating Chatbots using NLP
- Creating skillsets using Amazon Alexa by using node JS

Highlights:
- Executed some internal projects as Data Analyst with using tools such as Tableau for Data Visualization
- Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion

Annexure (Projects Undertaken)

Client: Client Name
Project: Project Name
Project Aim: **Automating the Support Process And Product Reviews Sentiment Analysis**
Technology: Machine Learning, Python, Sklearn, Artificial Intelligence, Neural Networks, Keras, Tensorflow, Pytorch,Tableau for Data Visualization,Mongodb, Big Data,S3 AWS

Pipelines Created:
1. Data Collection
2. Feature Engineering
3. Feature Selection
4. Model Creation
5. Model Hyperparameter Tuning
6. Model Deployment using Cloud
7. Model Retraining Approach
8. Model Results Dashboard using Tableau or PowerBi

Duration: Ongoing
Role and Responsibilities: Lead Data Scientist

Projects Goals: **Lead to increase the revenue of 2million $**
Saved the Company Expenditure by 2 % than the previous

Education
- **B.Tech. (Computer Science Engineering)** from PDA College of Engineering, Gulbarga, Karnataka University, Bengaluru in 2011 with 9.24 CGPA

Technical Skills
Programming Languages: Python, Machine Learning, Artificial Intelligence, Deep Neural Networks, Convolutional Neural Network, Sklearn Libraries, ASP.NET (v4.6 and prior), C#, Sitecore CMS (8.0,8.1,8.2), SOLR 5.5.1

Databases: Hadoop HDFS, MongoDb,SQL Server 2014/2012/2008/2005, MySQL, Basic knowledge in Oracle

Platforms and Misc.: Anaconda, Jupyter Notebook, Spyder IDE, Visual Studio 2017, VS 2016, Anaconda, Python IIS, Windows XP/W7/W8

Personal Details
Date of Birth:
Languages Known:
Address:

(Refer to Annexure for Projects)