

MANSHAVI KUMAR

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Having 5 years of experience in enterprising software engineering, professional gained hands-on experience in designing, implementing, and installing software solutions and developing high-quality software designs & architecture. Skilled at creating data regression models, using predictive data modeling.

SUMMARY

- Good knowledge of data structures, algorithms, and object-oriented programming.
- Proficient in Java, JavaScript, and Python programming languages.
- Good understanding of design pattern & optimization.
- Worked on Angular 2 and AWS.

TECHNICAL SKILLS

Programming Languages:	Python, Java, and JavaScript, Angular 2
Database:	MongoDB, SQL, and Redis
Machine Learning Algorithm:	Linear Regression, Logistic Regression, Decision Tree, Random Forest, Support Vector Machine (SVM), Ridge and Lasso Regression, K-Mean clustering and Hierarchical clustering, and Dimensionality Reduction Technique like PCA.
Deep Learning Algorithm:	Neural Network, CNN, RNN, LSTM, and GRU.
Frameworks:	Keras, TensorFlow, Flask, and Spring Boot
IDE's and Tools:	Visual Studio, Jupyter Notebook, Jira, Bitbucket, Maven, WinSCP, Putty, and Eclipse
Operating Systems:	Windows, and Linux
Others:	RESTful web services, JSON, and XML

WORK EXPERIENCE

Software Developer, Sep 2020 – Current

Verifone, Bangalore

A product based American company with many petroleum companies as clients.

- Work directly on the requests come from our customer, analyze them, and make the desire changes once it gets approved by the team architect and the team lead.
- Responsible to provide right guidance to resolve the issue face by the customers' development team while integrating their devices with our system.

Software Developer, April 2016 – August 2020

Healthsignz Private Limited, Bangalore

A product based Indian startup with many clients in healthcare.

1. **Brain Tumor detection (POC):** Detection of brain tumor with the help of machine learning
Details:

- Used the VGG-16 model architecture and weights to train the model which classifies if subject has a tumor or not base on MRI scan.
 - Preprocessed all the images, performed data augmentation, and evaluated on the testing data to validate the performance of the model using the confusion matrix.
2. **Healthsignz application:** Multiple mobile and web application to give end-to-end solution from health center to patients.

Details:

- Provided Web Services interface to interact with mobile and web clients.
- Worked on implementing cart for different kinds of booking from mobile app like doctor, diagnostic and wellness slots along with diet, pharmacy products.
- Managed a team to integrate our system with a client system.
- Worked on Angular 2 to provide front-end application for customer.
- Managed our application and services on the AWS.

Achievements:

- Presented with the Best Performer of 2018 of Healthsignz Pvt. Ltd.
- Presented twice with star of the month in Healthsignz Pvt. Ltd.

LIFE PROJECTS

- A logistic model using random forest to predict which customer are at high risk of churn for a telecom industry company.
- Gesture Recognition for smart television using a 3D CNN model.
- A CNN model which explains the contents in an image meant to explain an image to blind person.

ACADEMIC CREDENTIALS

- **PG Diploma in Machine Learning and Artificial Intelligence** from IIIT – Bangalore & Upgrad in 2021 with 3.66/4.0 CGPA.
- **B.E in Electrical and Electronics Engineering** from New Horizon college of Engineering (Visvesvaraya Technological University) in 2015. With 65% marks.