

Ajinkya Jawale

ajinkyajawale14499@gmail.com | (+91) 8698370304

EDUCATION

Bachelor of Computer Engineering, SKNCOE, Sinhgad Institutes, Pune

June 2020

University of Pune, IN

GPA: 8.4/10

- Data Structures & Algorithms, DBMS, Software Engineering, Data Analytics, AI, Machine Learning

HSC, RYK Science JR. College, Nashik (Result- 67%)

May 2016

SSC, Rachana Vidhyalaya, Nashik (Result- 93%)

May 2014

PROFESSIONAL EXPERIENCE

Machine Learning Intern, AI Team

Mar 2019– May 2019

NASSCOM, Kharadi, Pune

- Managed a Team of 6 Interns, My team designed, created and deployed the machine learning model for Traffic Sahayak app which now detecting 1.5 M various Traffic violations with accuracy more than 78%
- Processed Real time traffic data and managed MongoDB Databases using **REST APIs**
- Used Technologies like **Tensorflow**, Keras, OpenCV, **Python**, MongoDB, JavaScript.

RELEVANT EXPERIENCE

Research Assistant, Department of Computer Engineering

Aug 2019-Jun 2020

SKNCOE, Sinhgad Institute, Vadgoan, Pune

- Performed and analyzed large data sets using Statistical Analysis, Modeling with the help of Machine learning libraries.
- Collaborated with mentor for report generation & Data Visualization.

PROJECT EXPERIENCE

Jeevn.ai – Web Platform for Brain Tumor Image Processing

Aug 2019– Jun 2020

Final Year Academic Research Project

- Lead a group of 4 Student, Created web app for Doctors & Medical Image Data Processing & **Data Analysis**.
- **Django** web application for deployment of **Deep Learning** classifier predicting life of patients using REST APIs.

Big Data Analytics Platform for Clinical Data

Jan 2020- Mar 2020

Winner – Smart India Hackathon 2020

- Web Platform for Monitoring Real time Data processing using **Scala & Apache Spark** in **Hadoop** ecosystem.
- Created Data Pipelines using **Apache Kafka** & used **Cassandra** Database for Continuous Data streaming.
- Alert Management System for Critical conditions using **Messaging Queues** & Unusual Event Prediction using Random Forrest Classifier & **Time Series Analysis**

Face Detection Login System Application

Academic project

- **Computer Vision** & Open CV based **Android** Application for Face & Barcode detection and **MySQL** Database for User Activity & Session Management.

AI based Courses Recommender System

Thoughtworks Hackathon Project

- Created a Web application in ReactJS and using **MongoDB** & RestAPIs to keep track of student performance
- Based on Scored Built a **LSTM** RNN Neural Network which recommends the courses & trainings.

Evillion- Electronic Vehicle Charging Management application

Hackathon Project

- Web application in **ReactJS** for managing Users, charging stations, Payment transactions using APIs.
- Live Vehicle tracing system using google map APIs.

PUBLICATIONS

Research Paper: International Research Journal of Engineering & Technology (Impact Factor- 7.34)
Brain Tumor Segmentation using Cascaded **CNN**, U-NET & Overall Survival Prediction using **SVM**

SKILLS

Technical Skills: Software Development, Data Analysis, SDLC, .

Non-Technical Skills: Leadership, Communication.

Programming: Python, SQL, R, Scala, C/C++, Java, JavaScript.

Databases: MySQL, PostgreSQL, MongoDB, Cassandra, HDFS, NoSQL, RDBMS.

Tools: ETL, Apache Hadoop, Spark, Kafka, PySpark, TensorFlow, Keras, Pytorch.

SEMINARS & PRESENTATIONS

Academic Seminars:

- Application of Deep learning in Medical Imaging Nov 2019
- Introduction & Hands on deep learning- CNN April 2018

Presentation:

- Big Data Analytics in Healthcare Jan 2020

COMMUNITY INVOLVEMENT

Intel Student Innovator, Intel AI team

Aug 2019 – Present

- Used DevCloud for Development of Machine learning projects.

United Nations Volunteering, UN

- SEO Analyst for rural, children educational development website Dec 2019- Feb 2020

E-Cell Core Team Member, Department of Computer Engineering, SKNCOE

Jul 2017 – Feb 2018

- Member of Marketing team and Successfully managed technical & non-technical events.

Author- Machine Learning & Modern Algorithms Medium blog

Jun 2019-Present

CERTIFICATES

Online: Data Analysis using R, Machine Learning & Data Science in Python, Hands on Big Data & Apache Hadoop (Udemy),

Classroom: Android app development