

Hrishikesh Jadhav

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EDUCATION

Year	Degree	Institute	CGPA/Marks
2021	B.E in Computer Engineering	STES Sinhgad College of Engineering, Pune	7.96/10(Latest Sem)
2018	Diploma in Computer Technology	Sou. Venutai Chavan Polytechnic, Pune	83%

EXPERIENCE

Data Analyst Intern | Sapio Analytics, Pune Duration: May 2020 – August 2020

- Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality.
- Developing **COVID-19 Decision Support System** under mentoring of Noble Laureates like [Dr. Michael Levitt and Colonel H R Naidu Gade](#).
- Prediction of spread, Resource optimization of essential services, Predicting the impact on the economy, Predicting the social impact of the outbreak.
- Working on extensive research and creating various algorithms taking into consideration all the factors that have been affected by COVID-19
- *Several of my API's and Algorithms were approved for their final planning stage and been implemented in their live model.*
- Technology Used: **Machine Learning using Scikit-Learn, Amazon Web Services, Django-Python, Jupyter Notebook, PyCharm, Navicat – SQL Visualizer**

PROJECTS

Facial Recognition with SVMs using Scikit-Learn – Self learn project – own dataset Duration: May 2020 – May 2020

- Simple Facial Recognition Model to understand the working of SVM models with scikit-learn to classify linear and non-linear data.
- **Tools and Software** – Python, Pandas, Numpy, Scikit-Learn, Jupyter Notebook, GitHub, MS-Excel.

Hassle Free Shopping in COVID-19 Crisis – HackCovid Hackathon Project Duration: March 2020 – June 2020

- Ensure Hassle free supply and buying of essential commodities following all the social distancing measures in situation of COVID-19.
- To avoid overcrowding at shops like Grocery, Pharmaceutical etc. People desire to buy any product should face no problem to avail essential services.
- To ensure undisturbed supply of the essential services and to assist the store owners assuring that all the social distancing measures are followed.
- Better shopping experience, by implementing social distancing, by leveraging technology & utilizing well researched crowd management techniques.
- Digital storefront and implementation of predictive technologies to optimise inventory management.
- **Tools and Software** – Android, Java, Firebase Firestore, GitHub, Android Studio, NoSQL DB, AdobeXD.

Smart Attendance Application – Android Application and Django Framework Duration: Nov 2019 – Feb 2020

- The Smart Attendance System automates the entire attendance process of the department by providing an android application to the students, teachers, parents and the other administrative faculties and the analysis of which is shown onto the teachers' and HOD's dashboard.
- The platform bridge gap between the students, faculty, department, and other extra computational tasks of the faculty in conducting the attendance.
- This application provides a firm platform for carrying the analysis of various aspects of the students also keep the parents in touch with their ward.
- The attendance system pipelines the entire clerical and computational tasks to the teacher's dashboard with all required analysis in printable format.
- **Tools and Software** – Python, Java, Firebase Firestore, GitHub, Android Studio, Django, Dash, Jupyter Notebook, sqlite3, NoSQL DB, AdobeXD.

Human Record Tracking System (Using - Near-field communication) – Android Application Duration: Feb 2018 – May 2019

- Tracking Data of humans using a magnetically coupled NXP NTAG216 RFID/NFC anti-migration chip implanted in the human body.
- The chip is typically installed into the webbing between the metacarpal bones of the index finger and thumb, resting parallel to the index metacarpal.
- Comprehensive record-keeping system for your personal information and get insights from their data whenever necessary.
- Data of property documents to personal documents scattered into various files is brought together onto one platform to get meaningful information.
- **Tools and Software** – Android, Java, MySQL, Android Studio, GitHub, Navicat, Emulator Device, NFC Reading Tool, Android Device, WAMP Server.

Medical Record Tracking System (Using - Near-field communication) – Android Application Duration: Feb 2017 – May 2017

- Tracking Medical Data of humans using a magnetically coupled NXP NTAG216 RFID/NFC anti-migration chip implanted in the human body.
- The chip is typically installed into the webbing between the metacarpal bones of the index finger and thumb, resting parallel to the index metacarpal.
- Comprehensive record-keeping system for your personal medical information and get insights from their medical history and get prepared for future.
- Data scattered into various medical files is brought together onto one platform to get meaningful information.
- Patients can be able to maintain their own personal health records to record past appointments, test results, prescriptions, and more.
- Doctors will be able to examine the patients in a more efficient way, by scanning.
- **Tools and Software** – Android, Java, MySQL, Android Studio, GitHub, Navicat, Emulator Device, NFC Reading Tool, Android Device, WAMP Server.

SKILLS

Programming and Application – Django, Java, C++, JavaScript, Python, PHP, Image Processing, Machine Learning, Deep Learning

Operating Systems - Microsoft Windows, macOS, Linux.

Electronic and Electrical Engineering - Nvidia Jetson Nano.

Software and Tools - Oracle, MySQL, Firebase, Firestore, MongoDB, PyCharm, VSCode, Jupyter Notebook, Geany, Sublime

VOLUNTEERING EXPERIENCE

AWS User Group, Pune - Campus Ambassador | Nov 2019 - Present | **BlockDegree** - Campus Ambassador | Apr 2020 - Present

Google Developer Group, Pune - Member | Apr 2017- Present | **Machine Learning India Group** - Volunteer | March 2019 – Present

ACHIEVEMENTS

- **6th Runner-up of Smart India Hackathon 2017** under (Ministry of Defence) held in Bengaluru by Government of India, All India Council for Technical Education (AICTE), MHRD, Inter Institutional Inclusive Innovation Centre (i4c), and Persistent Systems Ltd.
- **HackCovid-19 Hackathon** – Internity Foundation- One of the Top 5 Teams of HackCovid-19
- **German Language B1 level** at Goethe's Institute Max Mueller Bhavan

LICENSES & CERTIFICATION

Machine Learning with TensorFlow on Google Cloud Platform Specialization - Google Cloud | Credentials: P3Z5FSSN9HKD [Link](#)

Deep Learning Specialization - deeplearning.ai | Credentials: 82DGA9V2BL6P [Link](#)

IBM Data Science Specialization – IBM | Credentials: 8Q7J7SDEJU5R [Link](#)

Applied Data Science Specialization – IBM | Credentials: SSMTAXT9XMMY [Link](#)