JOSHY JOY

B. Tech in Computer Science & Engineering

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Attayathuputhenpura (H)

Mulavoor P.O, Muvattupuzha.

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Enthusiastic and motivated in advanced technologies including data science, IoT and AI with hands-on experience. I wish to secure a challenging position where I can effectively contribute my skills, and innovative ideas to gain knowledge in the work-oriented environment Software Development.

Education

- **Mar Baselios Institute of Technology and Science(Kerala)**   *Aug 2015 – Aug 2019*
  B. Tech in Computer Science & Engineering; CGPA: 7.07
- **Father Joseph Memorial Higher Secondary School (Kothamangalam)**   *Jun 2014 – Mar 2015*
  XII (Senior Secondary) Computer Science; Percentage: 88.8
- **Nirmala Higher Secondary School (Muvattupuzha)**   *Mar 2012 – Mar 2013X*
  (SSLC); Percentage: 98

Experience

- **Software Intern (Remote) at Choice Home, Canada. June 2019**
  1. *Worked on company website design.*
  2. *IDX is integrated with the website which enables all visitors to search all available listing in Toronto.*
  3. *Developed Chat Bot facilitates voice enabled chatting*
  *Skills: **Web Development, Chat Bot, Voice Bot, Dialogflow, Google Cloud Platform.***

- **Software development and Industrial Awareness Intership at Radview, June 2016**
  Industrial Awareness Program in Software Engineering. Hands-on Experience with tools used for software development.

Projects

- **Online Data Scientist Platform**
  Duration: 2 Months
  Team Size: 2 Members
  Online data science tools including machine learning, statistics and accounting using django python hosted on heroku. https://odatascientist.herokuapp.com
- **Hotel Reservation Cancellation Prediction**
  Duration: 1 Month
  Team Size: 2 Members
  *Technology Stack: **Python with numpy,Pandas, matplotlib and Scikitlearn,Jupyter Notebook**.*
  Hotel cancellations can cause issues for many businesses in the industry. Logistic regression, and support vector machine models were employed in Python to determine whether cancellations can be accurately predicted with this model. https://github.com/joshy-joy/Hotel-cancellation-prediction
- **Employe Treatment Prediction**
  Duration: 2 Weeks
  Team Size: 3 Members
  *Technology Stack: **Python, Django, Azure, jupyter Notebook, Machine Learning**.*
  Need to predict with the help of given data whether the employee should go for treatment or not. This project was developed for HackNight 1.0 at Microsoft.
  https://github.com/joshy-joy/Employee-Treatment-prediction

- **Hand Gesture Recognition**
  Duration: 1 Week
  *Technology Stack: **Python, Numpy, Pandas, Tensorflow**.*
  A deep learning model build using tensorflow that recognize hand gestures and predict the output accurately.

Technical Skills

- *Machine Learning : **Python with Numpy, Pandas, scikitlearn***
- Deep Learning : **Tensorflow**
- *Statistical Analysis : **R***
- *Programming Technologies: **C, C++, Java, MATLAB**.*
- *Database Technologies: **MySQL, Microsoft SQL server**.*
- *Programming Technologies, Front end : **Javascipt, HTML/CSS***
- *Version Control : **Git, Github***
- *Cloud Platforms : **Azure, Google Cloud Platform, IBM Bluemix***
- *Operating System : **Linux(Debian based), Windows***
- *Containers : **Docker, Kubernet***

Competitions & Achievements

- **HackNight 1.0, 2019**
  Finalist in Hacknight1.0 by Skillenza and Microsoft for developing Machine Learning Model with User Interface.
- **Smart India Hackathon, 2018**
  Finalist in Smart India Hackathon 2018 under the Ministry of Housing and Urban Affairs at Chennai on Mar 2018.
- **IOT Challenge 2018**
  Finalist in IOT Challenge 2018 conducted by IIT Bombay and i3indya Technologies.

Position of Responsibility

- **Training & Placement Cell Coordinator.**
  Active member and coordinator in training and placement cell of MBITS campus for the academic year 2017-2019.

Certifications

- ***Deep Learning** specialization Certificate, Coursera.*
- ***Data Science** professional Certification by **IBM**, Coursera.*
- ***Data Science** in **R** Certification, STED Council.*

References

- ***Arulanandam Kajavatan(Mentor), Data Analyst, ChoiceHome Real Estate**.*
  Email: kajavatana@gmail.com. LinkedIn: arulanandam-kajavatan-9611a622

- ***Mahesh K M, Assistant Professor, MBITS**.*
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