Aswin Kumar **M N**

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Career objective

To be an enthusiastic member and constant learner in the organization, utilize my skills in an optimized way and find solutions for real world problems.

Education

2015-2019 **BACHELOR OF ENGINEERING** - *Karpagam College of Engineering, Coimbatore.*
Civil Engineering
CGPA - 9.06 (Till 6th Semester)

2015 **HIGHER SECONDARY SCHOOL** - *Shree Vijayalakshmi Matriculation Higher Secondary School, Coimbatore.*
Percentage - 94.08

2013 **SECONDARY SCHOOL** - *Shree Vijayalakshmi Matriculation Higher Secondary School, Coimbatore.*
Percentage - 88.8

Technical skills

DESIGN TOOLS

- AutoCad
- Sketchup
- StaadPro V8i

PROGRAMMING LANGUAGES AND OTHERS

- Basics of C Programming
- Basics of C++ Programming
- Basics of R Programming
- PigLatin Script
- HiveQL

BIG DATA TOOLS

- Apache Hadoop
- MapReduce and Yarn
- Apache Pig
- Apache Hive
- Apache HBase
- Apache Sqoop
- Apache Flume
- Apache Spark

VISUALIZATION TOOLS

- Tableau

Areas of interest

- Structural Design
- BigData Analytics
- Project Management
- Eco Structures

Co-Curricular Activities

- Presented a paper on "Automatic Vehicle Control During Anomalous State" in "**Innovit'14**" held at Vellore Institute of Technology, Vellore.
- Attended a **symposium** at Sri Ramakrishna Engineering College, Coimbatore.
- Member of **ISTE** (INDIAN SOCIETY OF TECHNICAL EDUCATION)
- Participated in one day **workshop** on "**TOTAL STATION APPLICATIONS AND PRACTICAL DEMO**" conducted by Bannari Amman Institute of Technology, Sathyamangalam, Erode
- Participated and won **SECOND** place in **Autocad** competition held at Karpagam College of Engineering.
- Attended a **One Day Masons Training Programme** held at Karpagam College of Engineering, Coimbatore.
- **Co-ordinated "Ciencia Fest'16"** held at Karpagam College of Engineering, Coimbatore
- **Co-ordinated a Technical workshop** on" Innovative Materials and Techniques in Construction" in the inter-college fest "**Dhruva 2k18**" held at Karpagam College of Engineering, Coimbatore

Projects done

- Done a mini project on **"Planning, Designing, Analysing of a Bank Building"** submitted at "Karpagam College of Engineering", Coimbatore.
- Done a project on **"Speculation of Compressive strength of concrete using Neuralnets"** submitted at "Karpagam College of Engineering", Coimbatore.

Analytics projects

MAPREDUCE (programming paradigm in which map function produces key value pairs and reduce function merges the same key pairs to a single result)

- **Character Count**
  Analysis of character count on web data.
- **Maximum Temperature**
  Analysed NCDC data and found the Maximum temperature recorded for each year.

APACHE PIG (Loads the data into hadoop and pig commands are executed in large data sets)

- **Air Crash**
  Analysed the Air Crash data and found the number of air crashes occurred in India using Pig Latin script.
- **Tamil Nadu Elections**
  Analysed the election datasets of India & Tamil Nadu and found the top candidates by number of votes.

APACHE HIVE (SQL-like interface to process huge data)

- **Tsunami Events**
  Analysed Tsunami data and filtered the tsunami occurrences in Tamil Nadu.

- **Cricket**
  Analysed ODI Cricket data and found the matches lost by team India in India.

Visualization projects

TABLEAU

- **Zomato Restaurants**
  Visualization of Restaurants across the world linked with Zomato by their location,service,pricing,rating,etc., and an interactive Dashboard is published.

- **FIFA Results**
  Visualized and created a dashboard for the FIFA results and forecasted for further tournaments.

Awards and Achievements

- Awarded as the "**Overall Topper**" by the Department of Science and Humanities, Karpagam College of Engineering, Coimbatore.

Extra-curricular activities

- Participated in the Electoral duty in Coimbatore as an SPO-NSS through National Service Scheme

- Participated in a one day trekking programme at Annamalai foot hills, Ooty.

- Participated in Traffic Regulation programme at Ooty in the alternative weeks.

- Visited and adopted an tribal village named "Pambalakombai" near Coonoor.

- Participated in campaign about creating awareness "Swatchata Application" inaugurated by city commissioner
  Dr.Vijayakarthikeyan IAS

Certifications

- Completed **StaadPro** course of **Udemy**

- Completed **Data Visualization with R(DV0151EN)**, an online course provided by BigData University.

- Completed **BigData 101((BD0101EN)**, an online course provided by BigData University.

- Completed **Hadoop 101((BD0111EN)**, an online course provided by BigData University.

- Completed **MapReduce and YARN((BD0115EN)**, an online course provided by BigData University.

- Completed **Apache Pig 101((BD0121EN)**, an online course provided by BigData University.

- Completed **R 101((RP0101EN)**, an online course provided by BigData University.

- Completed **Business Analyst** course of **QlikSense**

Linguistic Competency

- English (R-W-S)

- Tamil (R-W-S)

Interests

- Travelling
- Exploring new places
- Music
- Netflix

Declaration

I, **Aswin Kumar M N**, do hereby confirm that the above given information is true to the best of my knowledge.

Place :
Date :   **SIGNATURE**