THIRU BALAJI.G

CIVIL ENGINEER & BIGDATA ANALYST

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ABOUT ME

I am Thiru Balaji.G studying Civil Engineering in Karpagam College of Engineering. Some of my personal skills include positive attitude, analytics skills, confident and enthusiastic in any work. I love to work in team because I think teamwork is a better approach to handle any situation. I am attractive in time management and taking calculated risks. I love being me.

CAREER OBJECTIVE

Managing the planning and career development of design over in construction terms. With Data science knowledge, Analytical skills help me in relating and enhancing my current skill, and to give proper Economy and scientific development.

EDUCATION

Karpagam College of Engineering | B.E Civil Engineering
Aug.2015 – Mar.2019
- CGPA: 8.6*(Up to 6th Semester)
- Responsibility: Class Representative.

Velammal Matriculation School | 12th Biological Science
Jun.2014 – Mar.2015

- Mark Percentage : 89.7 %
- Responsibility: Class Pupil Leader.

Velammal Matriculation School | 10th Samacheer Syllabus
Jun.2012 – Mar.2013

- Mark Percentage : 95.2 %
- Responsibility: Class Pupil Leader.
- Extra: Certified in National Level Science
  Talent search Examination,2011 *(All Indian Rank-24821).*

LANGUAGES

- ➤ Tamil   - Native Language
- ➤ English - intermediate

SKILLS

Personal Skills:

- ✓ Time Management
- ✓ Calculated risks
- ✓ Leadership
- ✓ Self-Confidence
- ✓ Motivational thinker
- ✓ Analytical Minder

Analytical Skills:

- ✓ Tableau
- ✓ Qlik Sense
- ✓ Data Cleaning
- ✓ Apache MapReduce
- ✓ Apache Pig
- ✓ Apache Hive
- ✓ MySQL

Professional Skills:

- ✓ Autocad - Intermediate
- ✓ Staad.Pro - Intermediate
- ✓ Sketch Up - Intermediate
- ✓ Lumion - Intermediate
- ✓ Revit - Beginner
- ✓ Navisworks - Beginner
- ✓ MS Excel - Beginner

Construction Skills:

- ✓ Design Techniques
- ✓ Creative Thinking
- ✓ Math skills
- ✓ Communication
- ✓ Vaastu Marking

FIELD OF INTEREST

1. Machine learning & Deep Learning.
2. Designing Software in Civil Engineering.
3. Tale Writer.

CERTIFICATIONS/TRAINING DETAILS

- ✓ **Under the Infosys Campus Connect Soft Skills Program**, Karpagam College of Engineering, *2017*.
- ✓ **Ultratech Cement- Masons Training Program,** Karpagam College of Engineering, 2017.
- ✓ **Advanced Diploma in Java Programming (ADJP) Certification,** Computer Software College, *2015.*

Analytical Certifications:

- ✓ Apache Hadoop *(BD0111EN)*
- ✓ MapReduce and Yarn *(BD0115EN)*
- ✓ Apache Pig *(BD0121EN)*
- ✓ Data Visualization Using R*(DV0151EN)*

These Certificates are successfully completely and received a pass grading from **IBM initiative.**

- ✓ Qlik Sense

This Certificate of qualification is successfully done in **Qlik Sense Business Analyst Qualification test** (*Nov-2017 release*).

PROJECTS

PROFESSIONAL PROJECTS:

1. DESIGN AND ANALYSIS MULTI STOREY CAR PARKING:

- **Team Size : 4**
- **Roll Played: Leader & Analyst**

In this project, we had analyzed a multi storey car parking of 1400sq.m with STAAD.pro software. We developed a Plan Design for Car parking of (G+2) in Auto CAD software. Here i rolled a person for analyzing a structure using Staad pro and for Manual calculation. This made me to find and to study about structural problems and methods.

ANALYTICS PROJECTS:

Apache MAPREDUCE:

1. **YouTube Top Trending Dataset**
2. **Patent Dataset**
3. **Thermal heat Dataset**
4. **Temperature Dataset**
5. **Celsius Dataset**

These Projects are developed on the platform of HDFS and the dataset taken, For these are Real Time datasets and large datasets. The Mapper, Reducer and driver function makes the project efficient.

Apache PIG:

1. **Premier league Dataset**
2. **Loan Dataset**
3. **Spotify Dataset**
4. **Employee Dataset**

These Projects are developed in the platform Apache pig and the dataset are taken are Real Time datasets. Apache pig Latin mainly uses the script language.

Apache HIVE:

1. **Chennai Bus Locality Datasets**
2. **Emoji Dataset**
3. **Football Dataset**
4. **TN crops Dataset**

These Projects are developed in the platform Apache Hive and the dataset are taken are Real Time datasets. Apache Hive mainly uses the Query Based language.

VISUALIZATION PROJECTS

TABLEAU:

1. **My Health Datasets**
2. **FIFA 2018 Datasets**

These Projects are developed in the platform Tableau and the dataset are Real time datasets. In my health datasets, data's are taken from iPhone, it is about walking distance datasets. FIFA datasets are real-time analysis to predict final Winner and Runner through forecasting.Tableau mainly uses in Visualization.

CONFERENCE PRESENTATION

Selected for poster presentation G.Thiru Balaji, "**POLYETHYLENE TEREPHTHALATE A NEGLECTED ELIXIR FOR BUILDING ECOFRIENDLY INDIA**" organized by India International science festival 2017 (Nov-2016), **New Delhi.**

CO- CURRICULAR ACTIVITIES

- **Recorded** a World Record Holder "*World Biggest International Hands-On Ethical Hacking Workshop*" from Wikitechy & **Microsoft Research Community Group,** Chennai (*Record id HG-WRHCBE 9002*), 2016.

- World Record Holder in "*World Biggest International Hands-On Security Forensic Workshop*" from Wikitechy & **Microsoft Research Community Group,** Chennai (*Record id. HA-WRHCBE 2450*), 2017.

- Awarded as Second place in "*Triathlon Event*", PSG Institute of Technology, 2018.

- "*The Mobile Game Development Virtual Reality in Robotics and 3d Modeling*", **Academia Scientist, 2017**.

- "*Recent Trends in Transportation Engineering*", Coimbatore Institute of Technology, 2016.

- "*GeoTechnics for Infrastructure*", Amrita Vishwa Vidyapeetham, 2018.

- Have been a member of Data Science and Analytical center.

EXTRA CURRICULAR ACTIVITIES

- Won a *Special Prize* in Karpagam Innovation Center for "Start Up Organization" in Business Program, 2017.

- Traffic Regulation Program Held at Ooty, "National Service Scheme", 2016.

- Have been a Vice President of Rotaract Club of Coimbatore Millennium, RID 3201.

- Rolled as Handball Player in interschool competition.

STRENGTHS

- Leadership
- Patience and Discipline in doing works.
- Time Management**.**

HOBBIES

- Reading Books
- Writing tales
- Surfing Internet

Personal Details

- **Date of Birth** : 02-Nov-1997
- **Age** : 21 years
- **Gender** : Male & Single
- **Nationality** : Indian

DECLARATION

I, **THIRU BALAJI.G**, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore   (   )
Date: Signature