Harshith Shankar Tarikere Ravikumar

Apartment 32, The capstan building, Ashtown Dublin 15, Dublin, Ireland

☎ (353) 899619305 | ✉ harshithshankar13@gmail.com | ○ harshithshankar13 | in harshith-shankar-t-r-8a9787109 | Visa Status – 1G

Profile summary

- Dynamic and vibrant professional with around 2.7 years of experience in building software applications, data modelling and writing optimisation algorithms in the IT industry.
- Digitized and analyzed the transport business operations.
- Data analytics graduate student at the National University of Ireland, Galway.
- Hands-on experience in data analytical tools, machine learning, knowledge graph and deep learning techniques.

Education

National University of Ireland, Galway   *Galway, Ireland*

MSc in Computer Science (Data Analytics)   *September 2019 -Expected August 2020*

- **Relevant coursework**: Machine Learning, R Programming, Natural Language Processing, Deep learning, Information retrieval, Linked Data, Data visualization, Network science, and Tools and Techniques for Large Scale Data Analytics.

Visvesvaraya Technological University, Belgaum, Karnataka   *Belgaum, Karnataka*

Bachelor of Engineering in Information Science   *September 2012 - May 2016*

- **Relevant coursework**: Algorithms and Data Structures, Object-Oriented Programming, Web-Programming and DBMS.

Skills

Programming Languages	Python, R, JavaScript, C++
Frameworks	Scikit-learn, Pandas, Keras, Blazegraph, NodeJs, Flask, AWS EC2, Numpy
Tools and Technologies	Jupyter Notebook, R Studio, Qt, Visual Studio
Database and query languages	Graph database, SPARQL and MySQL
Version Control	GitHub(git)

Experience

TreeShade Technologies Pvt. Ltd   *Bangalore, India*

Software Engineer / Data analyst   *January 2019- August 2019*

- Worked with a team on a project, digitizing the transport business operation.
- Analyzed data and applied machine learning techniques to optimize the transport business.
- Examined data with statistical tests to derive meaningful insights.
- Developed an entire back-end software (Server) using NodeJS, which is deployed in Amazon Cloud Platform(AWS).
- Played a key role in the algorithm development of route optimization techniques.
- Data Modelled to store data in back-end.

Skillfinity Technologies Pvt. Ltd   *Bangalore, India*

Software Engineer   *February 2017- January 2019*

- Developed Software Application called "L-Board", Learning Platform on Linux OS using C++ programming and Qt HMI Framework (Designed software architecture and implemented programming code from scratch).
- Developed and deployed API's to present graphs and dashboards to stakeholders.
- Developed Windows API(DLL) using C++ programming on Visual Studio.
- Worked in a startup environment.

Ongoing project

Personal data privacy protection using a knowledge graph

- This project provides a technical solution to evaluate and warns users of the potential data breach by an organization they are interacting with.
- The software uses semantic web technologies and knowledge graphs to analyse the user relationship with the organization whose website is visited by the user.
- NLP neural network techniques are used to analyse the privacy policy of the organization.

Hobbies and Interests

- Acted in five short movies (reached around 800,000 YouTube views) and written and directed one science fiction short movie which was appreciated by professional movie makers and Did Theatre.
- Captained engineering college's hockey team and represented the college in wrestling and chess competitions.
- Led dance team and performed in national level forums.
- Done voluntary work and organized several events in India and volunteered in European cultural capital Galway 2020.

Core Competencies

**Quick Learner | Team player | Problem-solving | Stress Tolerance | Decision Making |
Excellent communication skills**