Contact

vimalkumar.k@gmail.com

www.linkedin.com/in/vimal-
kumar-76563b10 (LinkedIn)

Top Skills

Leadership

R (Programming Language)

Pandas (Software)

Languages

Hindi

English

Tamil

Publications

Opinion Summarization using
product feature based review
classification

Reach360:A Comprehensive Safety
Solution

Word sense based Hindi to Tamil
statistical machine translation

Graph Based Technique for Hindi
Text Summarization

A sequential approach to handle
machine translation of low resource
languages

Vimal Kumar

Postdoctoral Researcher | Researcher - AI, Large Language models,
NLP, Low-resource language processing
Dublin, County Dublin, Ireland

Summary

As a postdoctoral researcher at University of Limerick, I apply my
knowledge and expertise in large language models on developing
different down-stream tasks under the project PolicyFlow. During
my postdoctoral research at University College Dublin, I applied my
expertise in natural language processing (NLP) to develop innovative
solutions for regulation. I worked on the TRANSPIRE project, a
trained AI platform that combines human expertise with artificial
intelligence to demystify laws and regulations, making it easier to
do business while protecting consumers. This was a collaborative
project with industry partners Corlytics and Version 1, funded by the
Irish Department of Enterprise, Trade and Employment under the
Disruptive Technologies Innovation Fund (DTIF).

I have over 15 years of experience in conducting research,
publishing academic papers, and collaborating with interdisciplinary
teams to tackle complex NLP challenges. I have contributed to
cutting-edge advancements in the field of computational linguistics,
machine translation, text summarization, low resource languages,
document classification, and large language models. I am proficient
in PHP, Python, Java, Android, Keras, and PyTorch. I am passionate
about applying NLP to real-world problems and creating positive
social impact.

Experience

University of Limerick
Postdoctoral Researcher
May 2024 - Present (3 months)

CeADAR Ireland
Postdoctoral Researcher
November 2022 - December 2023 (1 year 2 months)
Dublin City, County Dublin, Ireland

TRANSPIRE Project - a trained AI platform for regulation, that combines human expertise with artificial intelligence to demystify laws and regulations making it easier to do business while protecting consumers. This is a collaborative project with industry partners Corlytics and Version 1, funded by the Irish Department of Enterprise, Trade and Employment under the Disruptive Technologies Innovation Fund (DTIF)

Jaypee Institute Of Information Technology
13 years 5 months

Assistant Professor (Sr. Grade)
June 2019 - November 2022 (3 years 6 months)
Noida

Assistant Professor (Grade-2)
July 2010 - June 2019 (9 years)
Noida Area, India

Assistant Professor (Grade-1)
July 2009 - June 2010 (1 year)
Noida Area, India

SRM University
Lecturer
July 2007 - July 2009 (2 years 1 month)
Ghāziābād Area, India

Education

Jaypee Institute Of Information Technology
Ph.D, Computer Science & Engineering · (2019)

Anna University Chennai
M.E, CSE · (2007 - 2009)

PSG College of Technology
B.E, ECE · (2000 - 2004)