

# ABISHETHVARMAN VADIVEL

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[Abishethvarman](#)



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Driven by a strong passion for cutting-edge research, I seek to contribute to the advancement of machine learning as researcher. With a solid foundation in Computing and Information Systems, along with hands-on research experience in Text Analysis within Natural Language Processing (NLP), I am eager to collaborate with leading researchers to address complex challenges and drive innovation in machine learning and its related fields.

## EDUCATION & RESEARCH

### Research Intern, Macquarie University, UNSW, Australia

Aug 2024 - Till Now

- Working as a graduate student researcher in LLM Security domains.
- Submitted a [paper](#) for ACL May Cycle under the guidance of Prof Usman Naseem

### Computing & Information Systems

Feb 2019 - Feb 2024

Sabaragamuwa University of Sri Lanka.

GPA 3.53/4.00

- BSc Honours in Computing and Information Systems
- Thesis on "**Detecting and Categorizing Fake News: Machine Learning based Approach for User Profiling**" under the supervision of Prof. B.T.G.S Kumara

Gold medal  
for Best Undergraduate Research

## PROFESSIONAL EXPERIENCE

### Software Engineer & Project Manager, SPM Technologies

Jan 2025 - April 2025

- Leading the as Scrum Master to handle sprints.
- Directly handling clients and doing project management.
- Responsible for R&D and POC for the developments.
  - JAVA, Spring Boot, NEXT, Nest, SonarQube, Swagger, PostgreSQL, MySQL, Github Project

### Software Engineer, Home IT System (Deutschland Ltd)

Jul 2024 - Jan 2025

- Lead the backend team by handling entire domain & APIs in Java Spring boot
- Taking partial DevOps role by handling all the production live.
  - JAVA, Spring Boot, Docker, Nexus, Kubernetes, Jenkins, SonarQube, Swagger, PostgreSQL, Next

### Intern Software Engineer, Sysco LABS Technologies Ltd

Aug 2022 - Jul 2023

- Worked in team which dedicated to handle Enterprise REST APIs.
- Worked on direct production support with Sysco Corp.
- Completed all the internship modules.
  - JAVA, Spring boot, AWS, EC2, Datadog, Cloudwatch, Jfrog, SonarQube, Junit, PostgreSQL, IBM DB

## TEACHING/TUTORING EXPERIENCE

### Lecturer, ICBT Campus

Dec 2024 - Present

International College of Business and Technology (ICBT) Batticaloa Campus

- International Diploma in ICT (**OTHM** Certified):
  - Teaching subjects including User Applications, Computational Mathematics, Graphic Design, and Programming with Python.
- Higher Diploma & Undergraduate Programs (**Cardiff Metropolitan University** – UK):
- Teaching modules such as Database Design and Development and Project Management, as part of Cardiff Metropolitan University's transnational education programs offered through ICBT

### Visiting Lecturer

Aug 2024 - Dec 2024

Sri Lanka Institute of Advanced Technological Education (SLIATE), Batticaloa. (ATI Batticaloa)

- Teaching Higher National Diploma in Information Technology (HNDIT) for 2nd-year, 1st-semester students core concepts of Data Structures and Algorithms.
- Practical covered on Java

### Instructor, SPM Academy(Seasonal)

Jun 2024 - Present

- Teaching Software Architectures & Software Project Management to the working professionals.
- Teaching Machine Learning Concepts and Implementations to the Pre-university students.
- Taught Information Technology to High School students.

ACHIEVEMENTS

- **Gold Medal for Best Research in Computing**, awarded by the Faculty of Computing, Sabaragamuwa University of Sri Lanka, at the 25th General Convocation, September 2024. ([cert](#))
- **Best Presentation Award** at the Final Defense of Research Project in Information Systems held in February 2024 at Sabaragamuwa University of Sri Lanka. ([cert](#))
- Received **Best Abstract** of the Data Science Track Award in 1st Computing Undergraduate Research Symposium (ComURS), 2024. ([cert](#))
- Received **Best Presenter Award** in 2nd International Conference on Technological Research and Innovation (ICTRI), 2025.([cert](#))
- Received **Best Poster** in 13th Annual Research Session (ARS2025) at Sabaragamuwa University of Sri Lanka., 2025.

RESEARCH PUBLICATIONS

Journal

- Kuhaneswaran, B., **Vadivel, A.**, Wijeratne, A., Ravikumar, N., Kumara, S., Sivapalan, A. and Vijayanandan, T., 2024. Exploring the Educational Landscape of ChatGPT: A Topic Modeling Approach on Twitter Data. Sri Lanka Journal of Social Sciences and Humanities, 4(1). ([link](#))
- Thamodya M, **V. Abishethvarman**, K. Banujan and B. Kumara “Analyzing Public Perception and Sentiment on COVID-19 Booster Dose through Social Media” Sabaragamuwa University Journal (ISSN:1391-3166)
- Jayathilaka R.B.M.K.K. , **V. Abishethvarman**, K. Banujan and B. Kumara “ Papaya Disease Detection: Leveraging Deep Learning Techniques for Early Diagnosis and Management ” Sabaragamuwa University Journal (ISSN:1391-3166)

Conferences

- **V. Abishethvarman**, K. Banujan, B. Kumara, and N. Ravikumar, "Unmasking Fake News with Emotional Cues: A Comparative Study of Sentiment Reasoning Models," in 2024 4th International Conference on Advanced Research in Computing (ICARC), 2024, pp. 195-200. ([link](#))
- **V. Abishethvarman**, K. Banujan, A. Wijerathna, S. Prashanth B. Kumara, and N. Ravikumar, "Unveiling Public Perception of ChatGPT Through Twitter Data and Machine Learning," in 2023 International Conference on Data Analytics for Business and Industry (ICDABI), 2023, ([link](#))

Abstracts

- **Abishethvarman V.**, Banujan K., Nirubikaa R. ,Kumara B.T.G.S., “Fake News Detection: A Comparative Analysis of RNN LSTM and Decision Tree Algorithms for Nonlinear Relationships” in 9th International Conference of Sabaragamuwa University of Sri Lanka(ICSUSL2023) ([link](#))
- **Abishethvarman V.**, Banujan K., Nirubikaa R. ,Kumara B.T.G.S., “Uncovering the Multifaceted Nature of Fake News: Latent Dirichlet Allocation Topic Modelling Approach” in 11th Ruhuna International Science and Technology Conference (RISTCON 2024) pg 134 ([link](#))
- **Abishethvarman V.**, Banujan K., Nirubikaa R. ,Kumara B.T.G.S., “Integrative Approach on Fake news Text Analysis: A Multimodal Framework for Fake News Detection, Categorization and User Profiling” in Computing Undergraduate Research Symposium 2024 (ComURS2024)
- **V. Abishethvarman.**, B. Gobihanath, S. Prashanth, K. Banujan. “The Evolution and Growth of Global Renewable Energy: A Data-Driven Journey from Past to Future. ” In 2nd International Conference on Technological Research and Innovation(ICTRI) 2025, Faculty of Technology, Eastern University of Sri Lanka, 23rd January 2025.
- **Vadivel Abishethvarman.**, Gobihanath Balasubramaniam, Senthana Prashanth, Banujan Kuhaneswaran, B.T.G.S Kumara.”BERT Unleashed: A Robust Bidirectional Shield Against Proliferating Fake News. In Applied Data Science & Artificial Intelligence Summit 2025 (ADScAI 2025), Department of Computer Science and Engineering, University of Moratuwa, Sri Lanka.

REFERENCES

**Prof. B.T.G.S. Kumara**  
**Director of CRKD (Centre for Research Knowledge Dissemination)**  
**Department of Computing and Information Systems,**  
**Faculty of Computing,**  
**Sabaragamuwa University of Sri Lanka.**  
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**Mr. K. Banujan**  
**PhD Candidate,**  
**Faculty of Science and Engineering,**  
**Southern Cross University,**  
**Gold Coast Campus,**  
**Brisbane, Australia.**  
**Mobile: +94714431192**  
**Email: bhakuha@gmail.com**

I hereby certify that above-mentioned details are true and accurate to the best of my knowledge. Date 04.06.2025