



NADUN CHANDRABAHU

DATA SCIENTIST & ENGINEER



<https://linkedin.com/in/nadunchandrabahu>



<https://github.com/nadunchandrabahu>

ePORTFOLIO: <https://nadunchandrabahu.netlify.app>

PROFILE

☎ 0431 000 674

✉ nadun.c.97@gmail.com

📍 Baulkham Hills, NSW, 2153
(Available for immediate relocation)

BACKGROUND

Age: 27

(Full Australian work rights - 485 Visa)

EDUCATION

2023-2025

MACQUARIE UNIVERSITY

- Master of Data Science

2016-2020

CURTIN UNIVERSITY

- Bachelor (Hons.) of Mechanical Engineering

SKILLS

- Advanced SQL | Python | R
- ML | NLP | Data Visualization
- Tableau | Power BI | DAX
- Advanced Excel | VBA
- HTML | CSS | JavaScript
- Video | Audio | Motion design
- Research | Analysis | Writing
- Leadership | Communication
- MATLAB | CAD

LANGUAGES

- English (Proficient)
- Sinhala (Native)

PROJECTS

- Engineered an efficient fine-tuning pipeline for the MMS-LID-4017 speech model, introducing a PyTorch-based classifier head trained on multilingual embeddings. Demonstrated 10.1% performance gains in language identification accuracy while enabling future incremental learning for GRN's linguistic archive. Link: <https://www.linkedin.com/feed/update/urn:li:activity:7380361919477551104/>
- Research Project: Evaluating Large Language Models for Clinical Natural Language Processing - Conducted a clinical NLP study comparing GPT-4.1-nano with BERT/BioBERT on tasks such as abbreviation disambiguation and medical status extraction. Demonstrated strong zero-shot performance, developed preprocessing pipelines, and evaluated model outputs to provide insights into applying LLMs for healthcare decision support. Contributed to literature review, methodology design, and result synthesis. <https://www.linkedin.com/feed/update/urn:li:activity:7386528378494853121/>

WORK EXPERIENCE

- **Data Annotation** 2024-2025
AI Training Data Annotator (NLP)
 - Created custom audio clips based on task-specific prompts to train speech and voice recognition models
 - Reviewed and corrected step-by-step solutions to math problems to improve AI accuracy and reasoning
 - Contributed to improving large-scale generative AI systems by testing edge cases and identifying errors
- **Island Aquarium** 2021-2023
Administrative Specialist
 - Developed the company website and helped improve sales by 30% with additional traffic
 - Helped with daily activities such as invoicing, emailing, drafting documents, etc.
 - Assisted in the packaging of Live fish for export, driving cargo, and working with quarantine rules
- **KIA Motors Lanka** 2020-2021
OTJ Management Trainee
 - Automotive workshop process and job controller role.
 - Preparing defect reports and estimation.
 - Basic supervisory functions in an Automotive workshop
- **DIMO Lanka PLC** 2016-2017
Assistant Automotive Technician (Internship)
 - 480 automobile workshop training hours
 - Gained experience with Hydraulic, Mechanical and Electrical functions of automobiles

REFERENCES

Michael Madry (#Hack2025)

Senior Engineer @ Commbank AU

Email: michael.madry@cba.com.au

Romie Perera (KIA Motors Lanka)

After Sales General Manager

Email: romiep@kialanka.lk