DANIEL DAS K

Artificial Intelligence Engineer

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PROFILE

Passionate about leveraging AI, ML, computer vision, generative AI, and NLP to innovate and drive positive impact. Experienced in Python, NumPy, Pandas, Matplotlib, Scikit-learn, Seaborn. Translated AI concepts into impactful solutions. Eager to collaborate on impactful projects and drive positive change through technology.

EDUCATION

ANNA University
Bachelor's Degree in Artificial Intellegence and Machine Learning
2016 – 2020

SKILLS

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Natural Language Processing
- Generative AI
- Computer Vision
- Prompt Engineering

ACHEIVEMENT

- **Google Developer Solution Challenge 2024 - TOP 100**

We engineered an AI-driven assistive technology for the visually impaired, earning recognition as a top 100 finalist in the Google Developer Solution Challenge through dedicated product development and video production efforts.

PROJECTS

AutomationHUB JULY 2024 - PRESENT

Machine Learning and Backend Engineer

- Handled backend development and AI engineering, managing multi-platform content posting with summarization, plagiarism detection, and analytics.
- Custom agents for automating posting and utilized LLMs for summarization
- Revolutionizing content management with multi-platform automation and advanced analytics tools.

Sixth Sense FEB 2024 - MAR 2024

Machine Learning and Computer Vision Engineer

- Responsible for ML tasks like speech-to-speech, distance warning, object and face recognition, gesture, and emotion detection.
- Developed and deployed TensorFlow Lite models on Raspberry Pi 5 for local execution in Sixth Sense.
- Sixth Sense aids visually impaired with navigation, awareness, and support.

Medvault MAY 2024 - JUNE 2024

Natural Language Processing Engineer

- Worked as an ML engineer responsible for speech-to-speech capabilities and natural language processing, focusing on medical automation.
- It Enhances efficiency, secure data, and patient care through advanced EHR interoperability."