KAUSHIK DAS

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SUMMARY

My goal is to contribute effectively and further enhance my practical experience in a professional environment as a ML/AI Engineer, utilizing my skills in python, machine learning, deep learning and Natural Language generation.

Having completed my postgraduate degree in Artificial Intelligence at the University of Aberdeen, I have developed expertise in machine learning, data analytics, natural language generation, and related fields. I am proficient in various programming languages, including Python, PDDL, JSON, and have recently worked on a project involving spiking neural networks. My technical skills are backed by hands-on experience in software development and database management.

EDUCATION

Master of Science in Artificial Intelligence

University of Aberdeen • 2024

Focusing on generative AI, machine learning, data mining, deep learning and software agents, my master's program empowered me with practical skills and deep theoretical knowledge. I acquired practical skills through rigorous coursework, preparing me to tackle complex challenges in field of artificial intelligence and data analytics. Additionally, I participated in collaborative team projects where we designed, developed and implemented deep learning models for various applications, including image recognition, and natural language processing.

Bachelor of Technology in Electronics and Communications

Institute of Engineering and Management • 2019

During my undergraduate studies, I built a strong foundation in electronics and communication systems. I acquired in various programming languages, including Python and Java. I gained knowledge in web development technologies such as HTML, CSS, JavaScript, and SQL.

PROJECTS

Spiking Neural Networks (January 2024 – May 2024)

I have worked on the behavioral patterns of spiking neural networks and their applications in industries such as data analysis, image classifications and object detections. This research was conducted under the supervision of Prof. Dewei Yi.

Satellite Image Classification (June 2023 – August 2023)

https://github.com/Kaushik0621/Satelliteimageclassification

I have demonstrated my data preparation and machine learning skills in the project by classifying segmented data from satellite images and showcasing important insights about the datasets.

Music Recommendation System (October 2023)

https://github.com/Kaushik0621/Music_Recommendations_System

I have showcased my data processing, data analytics skills along with those my Full stack web development skills and ready to deploy on Heroku. I have created a system that predicts user's music preferences based on their listening history data.

EXPERIENCE

SOFTWARE ENGINEER

Das Accounting Company. (July 2019 - December 2022)

As a Software Engineer at the company, I actively maintained and optimized the organization's database and backend servers to ensure seamless operation and performance. I utilized MySQL for database operations and employed Python for backend functionalities and data analyses. My role involved analyzing critical datasets to inform decision-making processes. Additionally, I was responsible to conducting comprehensive data analyses to guide strategic and enhance the company's overall approach.

INTERN

Bharat Sanchar Nigam Limited (June 2018 - July 2018)

I actively participated in a comprehensive Communication Systems training program at BSNL (Bharat Sanchar Nigam Limited). During this intensive training, I delved into the core principles of communication technology, gaining a deep understanding of its intricacies.

INTERN

RCPL (HP) (January 2018 - February 2018)

I interned in Core Java with Android, actively engaging in hands-on experience. This role involved designing and implementing Android applications using Java as the primary programming language.

CERTIFICATIONS

Machine Learning with Python

Coursera

SKILLS

Analysis skills,
Data analytics,
HTML5,
CSS,
JavaScript,
Python,
Convolution neural networks,
Natural language processing,
Data science,
Deep learning,
Microsoft Access,
MySQL,
Machine learning,
TensorFlow,
Generative AI,
Natural language generations