SHILPA AJITH

Data Scientist

@ shilpaajitheks@gmail.com 📞 9961707085 📍 Aluva, Ernakulam - India
in https://www.linkedin.com/in/shilpa-ajith-3aa8761b8/ ⓞ https://github.com/ShilpaAjitheks

ABOUT ME

As a Data Scientist job seeker with experience as an Assistant Professor, I possess skills in teaching and pattern capturing. My experience in designing and teaching courses, combined with my expertise in programming language, make me a valuable asset to any data-driven organization. I am passionate about leveraging my skills and knowledge to solve complex problems and drive innovation.

EXPERIENCE

Malabar Institute of Technology
Assistant Professor

📅 Feb 2020 – July 2022   📍 Anjarakandy,Kannur

- Provided exceptional guidance and leadership to lead students in handling projects with excellence.
- Promoted active engagement and critical thinking among students through innovative teaching methods and curriculum development.
- Demonstrated dedication and a genuine approach as an active member of the KTU Exam Cell and was promoted to Exam Cell Chief in a short period of time.

North Malabar Institute of Technology
Assistant Professor

📅 Aug 2019 – Jan 2020   📍 Kanchangad,Kasaragod

- Developed and implemented strategies to enhance student performance and engagement
- Strong reading, writing and comprehensive skills
- Excellent presentation, research and time management skills
- Created and delivered engaging lectures and workshops mainly on Digital Signal Processing and Digital Electronics field respectively
- Served as a mentor and advisor to students, providing guidance and support on academic and personal matters

Expertzlab
Data Science with AI

📅 Aug 2022 - Present   📍 Palarivatam,Ernakulam

- Data Science with AI course covers a range of topics including statistical analysis, machine learning, natural language processing, and deep learning.
- The course covered working with the programming language Python, as well as tools like TensorFlow.
- Also covered data visualization techniques, big data processing, and cloud computing platforms.
- Gained practical experience through projects and case studies.

TECHNICAL SKILLS

- Programing Languages: C, Python
- Frameworks:Django
- Tools: LaTeX, MATLAB, GitHub, MySQL
- Assembly Languages:8085
- Operating Systems: Windows, Ubuntu
- AWS
- Jupyter Notebook
- Statistical Analysis
- Machine Learning Algorithms
- Deep Learning

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Comfortable Working Independently.
- Ability to take initiative to solve problems.

LANGUAGES

Malayalam	●●●●○
English	●●●●●
Hindi	●●●●○

EDUCATION

M.Tech - Signal Processing
College Of Engineering Thalassery, Kannur(KTU)

📅 2019   📍 8.48 CGPA

B.Tech-ECE
Government Engineering college, Wayanad, Kerala (Kannur University)

📅 2016

Higher Secondary
AKG Smr. Govt HSS(Board of HSE Kerala)

📅 2011

SSLC
Anjarakandy HSS (State Board of Kerala), Kannur

📅 2009

PROJECTS

No Reference Image Quality Assessment Using Expert Convolutional Neural Network

- Measuring the quality of distorted images without referring to the original images using CNN.
- A distortion type classifier that identifies the distortion type of the input image
- The project is significant in the fields of image processing, compression, and transmission
- Utilised CNN(Convolutional neural network) for both quality measurement and classification

Cardiovascular Disease Prediction

- Developed almost seven machine learning models that can predict the risk of Cardiovascular diseases (CVDs) in individuals based on their health data.
- Tried so many Regularisation techniques to obtain a better result.
- Found that Random Forest model leads to better prediction in Testing data,because of their robustness to find patterns from both numerical and categorical Features.

Text to Braille Conversion

- An assistive technology for blind and visually impaired people to gather information.
- The info given through speech is converted to its text form and finally to its Braille form for the smooth accessibility.

ACHIEVEMENTS

PUBLICATIONS

A Review : No Reference Image Quality Assessment Based On Multi-Expert Convolutional Neural Network in HBRP Publication, Journal of VLSI Design and its Advancement, Vol 1,issue 3,page 14-19,2018.

📅 Jan 2018   📍 Ghaziabad,Uttar Pradesh

- Promoted as KTU ExamCell Chief(Chief Superintendent),and coordinated University exam for more than 1000 students at a time.

HOBBIES

- Watching Movies
- Listening to Music.
- Drawing
- Wall art