

Mathanprasath.K

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PROFILE

- I am dedicated and ambitious individual with a passion of software developer.
- I'm self motivated, detailed oriented seeking to work in a dynamic environment that enables me to utilize my knowledge and learn new things to progress professionally and personally.
- With a strong educational background in information technology, I bring a solid foundation and a drive to continuously learn and grow along with the organization.

SKILLS

- Problem-Solving, Communication, Team Work, Adaptability
- Software Development [MERN]
- Java Frontend[HTML,CSS, Java Script, React]
- Agile Development Methodologies
- Python[Django, Node.js]
- Object-Oriented Programming[OOPS]
- Cloud Computing AWS
- MySQL, MongoDB, GitHub

EDUCATION

B-Tech Information Technology
Mepco Schlenk Engineering College
2020 – 2024 | Virudhunagar
C.G.P.A-8.06

HSC
AVB Martrication Higher Secondary School
2018 – 2020 | Coimbatore
86%

SSLC
AVB Matriculation Higher Secondary School
2017 – 2018 | Coimbatore
95%

PROFESSIONAL EXPERIENCE

Internship at UNIQ SOLUTIONS

11/2022 – 11/2022 | chennai

- Analyzed problems and worked with teams to develop solutions.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs, and improving functionality.

CERTIFICATES

AWS Academy Graduate - AWS Academy Cloud Architecting [🔗](#)

Deep Learning

Introduction To Internet of Things

MINI PROJECTS

1. ANALYSIS OF ELECTRONIC HEALTH CARE DATA FOR DISEASE PREDICTION

- Detecting human health related challenges using machine learning techniques.
- Inorder to enhance the features rather the traditional approach. Ensembling of multiple algorithms including decision tree, support vector machine(SVM) & logistic regression has been applied.
- Particle Swarm technique has been implemented for optimization.
- Model approached in the project will produce more accuracy results rather than the traditional one.

2. MULTIPLE IMAGE HIDING IN NEURAL NETWORK USING DISCRETE COSINE TRANSFORM

- Developed an efficient encryption algorithm in deep learning for better image hiding and processing.
- DeepMIH an image hiding technique has been applied.
- To increase the hidden range of the image Discrete Cosine Transform[DCT] algorithm has been implemented.
- Results obtained with encryption technique algorithms are more efficient & effective than the normal image hiding techniques.