



HEMA HARSAN R

JUNIOR AI DEVELOPER

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SKILLS

- PYTHON
- C PROGRAMMING
- JAVA PROGRAMMING
- SQL
- R PROGRAMMING

ACHIVEMENTS

- 1ST PLACE IN PROGRAMMING QUIZ AND DEBUGGING , 4TH PLACE IN CIRCUIT QUIZ AND DEDUGGING AT BANNARI AMMAN INSTITUTE OF TECHNOLOGY.

LANGUAGE

- ENGLISH
- TAMIL

ABOUT ME

I am a dedicated and motivated B.Tech student specializing in Artificial Intelligence and Data Science. With a strong background in data analysis, programming, and algorithm development, I am passionate about developing innovative solutions to complex problems. My recent projects include a website for pneumonia detection using advanced algorithms and data visualization techniques. I am also interested in enhancing security and efficiency through technology, as demonstrated by my work on a biometric-based exam gate authentication system with SMS alerts. Eager to apply my skills in a challenging environment, I am continuously seeking opportunities to learn and grow in the field of AI and data science.

EDUCATION

Dr.N.G.P.Institute of Technology

2023 - 2026

- I am currently doing my Bachelor of Technology in Artificial Intelligence & Data Science.

NACHIMUTHU POLYTECHNIC COLLEGE

2020 - 2023

- I was completed my Electrical and Electronics Engineering in Nachimuthu polytechnic college
- My classification is FIRST CLASS WITH DISTINCTION and without any backlocks.

PROJECTS

PNEUMONIA DETECTION USING RANDOM FOREST

- This application aims to enhance preliminary medical diagnostics by leveraging a pre-trained convolutional neural network (CNN) to classify chest X-ray images as Normal or Pneumonia
- The application features a user-friendly web interface that ensures real-time processing

BIOMETRIC BASED EXAM GATE AUTHENTICATION SYSTEM WITH SMS ALERT

- It is a security solution designed to ensure the authenticity of examinees.
- This system uses biometric data (such as fingerprints recognition) to verify the identity of individuals at the exam gate.
- Upon successful authentication, an SMS alert is sent to notify relevant parties