

SHONA S

B.Tech ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

✉ shona.ad21@bitsathy.ac.in

☎ +91 9894931446

📍 Namakkal,TamilNadu

🌐 shonasakthivel

🌐 sakthivelshona

🌐 sakthivelshona

PERSONAL SUMMARY

Passionate Artificial Intelligence & Data Science student with a keen interest in Web Development and Machine Learning. Looking forward to learn new skills and develop my knowledge.

EDUCATION

SRV Hi-Tech Matriculation Higher Secondary School

- SSLC - **93%** (2019)
- HSC - **94.5%** (2021)

Bannari Amman Institute of Technology

B.Tech Artificial Intelligence
and Data Science

CGPA - 8.60 (Upto 4th sem)

SKILLS

- **Experienced** : C,C++ ,HTML, CSS, Python, Machine Learning
- **Intermediate** : React.js, MongoDB,JavaScript
- **Beginner** : Node.js , Computer Vision
- **Interest** : Web Development , Deep Learning

SOFT SKILLS

- Teamwork
- Problem-solving
- Creativity
- Time Management

PROJECTS

HANDWRITTEN TEXT RECOGNITION APP FOR OLD DOCUMENTS

Build a Handwritten Text Recognition System using TensorFlow with HTR pipeline.Developed a distinct decoder model to extract the text. Developed a user interface Web app with user friendly functionalities

FULLSTACK DEVELOPER

NOV 2023

PERSON IDENTIFICATION USING DEEPFACE

This project focuses on the accurate and robust verification of individuals by analyzing facial features to confirm their identity, enhancing security and authentication processes.

MODEL BUILDING & FRONT-END DEVELOPER

MAY 2023

BANK LOAN DEFAULT PREDICTION

Developed ML models for loan default prediction, integrated them into the approval process for real-time risk assessment, and created responsive web and mobile apps for enhanced user experiences.

MODEL BUILDING & FRONT-END DEVELOPER

JUNE 2023

ACHIEVEMENTS

INFOCRUISE'22

Kongu Engineering College, Erode

APRIL 2022

1st Prize - Paper Presentation

TALENTIUM TAERID

Bannari Amman Institute of Technology

FEB 2022

2nd Prize - Wordsmith

BRICS 2023

Brics Future Skills Challenge, China

DEC 2023

3rd Prize - AI Computer Vision Application

BRICS 2022

Brics Future Skills Challenge, China

NOV 2022

Finalist - AR \ VR

EVENT PARTICIPATION

- Participated in "BITHACKS 2023", presented our Handwritten Text Recognition Application Organized by BIT College
- Presented paper on "Object Detection using Tensorflow" organized by Narasus Sarathy Institute of Technology, Salem
- Participated in "ONEYES GRAND HACKATHON 2023" conducted by Oneyes Infotech Solutions ,Chennai. Presented our hardware "Obstacle avoidance self-driving car "
- Participated in "NASA INTERNATIONAL SPACE APP CHALLENGE" conducted by NASA of Problem Statement "Exploring Venus together"

VOLUNTEERING

MACHINE LEARNING WORKSHOP FACILITATOR

Conducted extensive machine learning workshops for 400+ students, delivering in-depth instruction on diverse ML models and techniques.

EVENT AND OUTREACH COORDINATOR - CODECHEF BIT CHAPTER

Led event organization and outreach strategies, fostering community growth and engagement within the CodeChef platform .

STUDENT SKILL TRAINER - C AND C++ PROGRAMMING

Volunteered as a Skill trainer, delivering basics of C and C++ programming to over 150 students

CO-CURRICULAR ACTIVITIES

PRODUCT : Development of Person Identification Using Deepface

AI Product Development Lab | MAY 2023

PATENT : Automatic Cheque Deposit Machine

AI Product Development Lab | FEB 2023

SPORTS : Won Gold Medal in Intercollege Sports Meet ,KHO-KHO Competition

BIT College | DEC 2021

EXPERIENCE

TEHCITI TECHNOLOGIES PRIVATE LIMITED

Worked as a Software Developer Intern in the Domain 'Data Science' for 15 days and completed the tasks Bangalore | FEB 2023

CORRESPONDENT - CodeChef BIT Chapter

Organized events for the College Students to engage in club activities , helped them to solve problems in complex areas

CERTIFICATIONS

- Fundamentals of Deep Learning for Computer Vision , **NVIDIA**
- Introduction to Microsoft Excel, **COURSERA**
- Compiler Design , **NPTEL**

HOBBIES

- Journaling
- Developing Websites
- Binge Watching
- Playing Shuttle