

## Education

2020 - 2024  
Bannari Amman Institute of  
Technology  
B.E(CSE) CGPA : 7.5

2018 - 2020  
Green Garden Matric Higher  
Secondary School  
HSC : 78%

2019 - 2018  
ST. Joseph Matric Higher  
Secondary School  
SSLC : 58%

## ACHIEVEMENTS

Smart India Hackathon 2022  
(Winner)  
05/2022 - 07/2022  
Topic: Python with deep learning,  
python with machine learning,  
SMART MARINE SPECIES  
DETECTION

GOV-TEC-THON 2021 (Winner)  
09/2021-05/2022  
Topic: Smart Traffic Management  
system

ASET - (International Conference  
2023) - (Best paper)  
31/01/2023  
Topic: Heart disease prediction  
using ML

Toycathon 2021 - (Finalist)  
08/2020 - 01/2021  
Topic: Safe Toys

# ARUT CHEZHIAN.C

## UGSCHOLAR (B.ECSE)

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arutchezhian2@gmail.com

<https://github.com/arutchezhian>

<https://arutchezhian.github.io/Arut-Portfolio/>

[Linkedin.com](https://www.linkedin.com/in/arutchezhian)

## Experience

### PROJECT INTERN

National Small Industries Corporation Government agency, Chennai, India

04/2021 -05/2021

- Developed UI and backend for a government app during the internship.
- Gained insights into IT sector workflow and application development.
- Improved communication skills through collaborative project work

### PROJECT INTERN

Nandha InfoTech , Coimbatore, Tamil Nadu

01/2023 -03/2023

- Proficient in Wound and Plant Disease Detection, emphasizing accuracy (60%).
- Seamless Data Flow Integration: Connected web pages to ML backend, ensuring efficient data transfer (75%).
- In-depth Outcome Analysis: Applied advanced ML algorithms for comprehensive image analysis, yielding valuable insights (80%)

### WEB DEVELOPER INTERN

EXDERA Bengaluru, Karnataka

04/2024 - 12/2024

- Developed and customized WordPress themes and plugins using PHP, enhancing functionality and user experience.
- Optimized website performance and security through code refinement, database optimization, and regular updates.

### COMPUTER SCIENCE INTERN

Codeit Bengaluru, Karnataka

01/2024 -02/2024

- Operationalizing Efficiency: A Pragmatic Implementation of Unsupervised Learning for QoS in Cloud Environments
- Enhancing Customer Experience in the Hotel Industry with Privacy-Preserving Deep Learning
- Facial emotion recognition for early mental health recognition.

### DIGITAL - EXECUTIVE

Acemanbas, Coimbatore, Tamil Nadu

03/2024 - Present

- Lead and manage WordPress and PHP development projects, ensuring responsive, high-performance websites.
- Develop and implement digital content strategies, enhancing brand visibility and engagement.
- Oversee end-to-end project execution, coordinating with cross-functional teams to deliver exceptional digital experiences.

## Expertise

- JavaScript, Python, C, C ++
- AI (ML & DL)
- Application Development
- Frontend development
- UI/UX
- WordPress
- SEO

## TOOLS

- HTML,CSS,JavaScript
- CSS
- TensorFlow
- OpenCV
- PyTorch
- Flutter
- Swift
- MIT
- Flask
- Django
- Figma
- Sketch
- Adobe XD
- Microsoft Power BI
- Microsoft Azure
- Microsoft Visual Studio
- Microsoft Office Suite

## PERSONAL INFO

Father's Name: CHERAN.S  
Mother's Name : MANGANI.C  
DOB: 17/02/2002  
Address: 439 Gandhi Road,  
Anupparpalayam,  
Tirupur – 641652

## COURSE OF COMPLETION

Python for Data Science, AI & Development,  
Build a Full Website using WordPress,  
Google UI/UX,  
Blockchain Technology,  
Android App Development Specialization.

## PROJECTS

### Payment gateway using Blockchain (Web 3)

11/2021 - 03/2022

- Implemented BLOCKCHAIN payment gateway project.
- Utilized Web 3 API to integrate with Metamask.
- Enabled seamless cryptocurrency transactions between users.

### Application for women's safety

04/2021 - 06/2021

- Developed an SOS application focused on women's safety.
- Incorporated a functionality where shaking the app or tapping a button triggers an alert.
- Sends a distress message with the current location (Latitude and Longitude) and activates an alarm for immediate assistance.

### Face Recognition Attendance-Based System in Python

04/2022 - 05/2022

- Implemented Attendance tracking system utilizing ML image categorization.
- Applied OpenCV in Python for image processing.
- Recorded attendance by analyzing categorized images for efficient tracking.

### SMART MARINE SPECIES DETECTION

06/2022 - 08/2022

- Applied image processing in marine species analysis.
- Used categorization techniques to identify different species.
- Employed forecasting methods to estimate the approximate weight of the fish.

### Smart Traffic Management system

11/2021 - 04/2022

- Addressing a real-time challenge through a simulated solution.
- Utilizing traffic flow data for dynamic problem-solving.
- Implementing a responsive approach to adapt to changing scenarios.