

ABARNA T C

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EDUCATION

2021–2025

Saranathan College of Engineering, Trichy
Bachelor of Engineering in Computer Science
with **8.71 CGPA**

2020–2021

G.K.D. Matric. Hr. Sec. School
Higher Secondary Education with **87.3%**

2018–2019

Vivekam Matric. Hr. Sec. School
High School Education with **82.2%**

SKILLS

- Java
- MySQL
- HTML
- CSS
- JavaScript
- React JS
- C-Programming Language
- Python
- AIML (Basics)
- Git

TOOLS

- NetBeans
- GitHub
- GitHub Copilot
- Visual Studio Code
- Google Colab
- Python-Anaconda
- Power BI

ABOUT ME

A dedicated final-year Computer Science Engineering student with a strong knowledge of Java, SQL, C, and web development, along with hands-on experience in data science and analytics. Actively engaged on coding platforms like LeetCode and CodeChef. Eager to learn new skills and looking for opportunities to demonstrate my dedication and hard work.

PROJECTS

GAME - CHROME DINOSAUR : HTML,CSS,JAVASCRIPT

- HTML creates the game area and structures the Dino and obstacles and CSS styles the Dino, obstacles, and game area.
- JavaScript manages game logic through a game loop, updating positions and handling user input for actions like jumping.

NEWS CHANNEL MANAGEMENT SYSTEM : JAVA

- Utilized inheritance, polymorphism, and abstraction to create reusable code, incorporating abstract and concrete classes with method overriding.
- Developed an interactive GUI using Java Swing for user interaction and implemented features to analyze data insights.

IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS (CNN)

- A CNN classifies images of cats and dogs using the Cats vs. Dogs dataset from Kaggle.
- The model includes convolutional, max-pooling, and fully connected layers.
- The model achieves **93.59%** accuracy after **25 EPOCHS**.

ACHIEVEMENTS

- Awarded the badge **LEETCODE 100 DAYS BADGE** for solving problems for **100+ consecutive days in 2024**, ranked in the **TOP 4.2%** of LeetCode participants.
- Advanced to the **FINALS** of the **SPARDHA QUIZ COMPETITION at SASTRA DEEMED UNIVERSITY**, Demonstrated collaborative problem-solving skills.
- Attended the **MATPLOTLIB WORKSHOP at SASTRA DEEMED UNIVERSITY**, gaining valuable insights into data visualization techniques.
- Won **3RD PRIZE** in **WESTERN SOLO VOCAL** held in Saranathan college of engineering.
- Participated in various events like **CODEYWOOD, AI KA HUKUM, and PROJECT EXPO** during **TECHNO-BONZA 2023** to showcase my technical abilities and enhance my skills in coding, AI, and collaborative project work.

CERTIFICATIONS

- **Java Programming on GREAT LEARNING**
Certificate Link
- **GOOGLE Student Development Club**
Certificate Link
- **Internship certificate from INNOVATE INTERN**
Certificate Link