

## KEERTHANA DEVI G

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### **ACADEMIC QUALIFICATION**

**Bachelor of Technology (Electronics and Computer Engineering)**, SRM Institute of Science and Technology, Chennai, August 2020-May2024; CGPA: 8.95 (till 6<sup>th</sup> Sem)

### **ACADEMIC PROJECTS**

- **Smart Parking System using IoT**

Team size: 3, February 2023

Individual role: Used Figma tool to develop the design for the application.

Objective

- Develop a mobile application that allows an end user to check the availability of parking space and book a particular parking lot accordingly

Technology/Tools Used: Figma, Sensors, Arduino

- **Nanotechnology and Paediatric Cancer**

Team size: 2, February2023

Individual role: Collected information on paediatric cancers and various nanoparticles combination with drugs as medicine.

Objective

- A review project on Nanoparticles in the cancer field and possible effective outcomes on paediatric cases

- **Heart Disease Prediction using Machine Learning Algorithms**

Individual project, January 2023

Individual role: Collected information about algorithms and did coding for finding out the accuracy

Objective

- Use special algorithms of gadget studying similar as logistic retrogression and KNN to prognosticate and classify the case with coronary heart criticism. An exceptionally helpful approach become used to regulate how the model can be used to ameliorate the delicacy of vaticination of heart attack in any existent

- **An Automated Load Control using Voice Assistance**

Team size:4, March 2023

Individual Role: Programming the whole project Objective

- According to the voice inputs, we can communicate with the assistant and can control the home appliances through voice commands. This do not require any smart bulbs or device; it can be implemented in ordinary gadgets thereby reducing the cost.

- **Eye tracking- based diagnosis and early detection of autism spectrum disorder using machine learning and deep learning algorithms**

Team size: 3, September 2023

Individual Role: Training and Testing data with transfer learning models

- This project utilizes eye-tracking data and advanced machine learning techniques, including Principal Component Analysis (PCA) and Convolutional Neural Networks (CNNs), to diagnose Autism Spectrum Disorder (ASD). By integrating refined features into CNNs and exploring transfer learning, the study achieves accurate ASD categorization. The findings suggest a promising avenue for developing precise, non-invasive tools that could facilitate early identification and intervention, leading to timely support and treatment for individuals with ASD.

## **INTERNSHIPS**

- **Agile Methodology Virtual Experience Program, Forage, Cognizant (USA) December 2022**

Completed practical tasks in:

Waterfall vs Agile

User Stories

Role Assignments and Ceremonies

Agile Tools and Concepts

Agile Curve Balls

Agile Methodology Review and Additional Resources

- **Strategy Consulting Virtual Experience Program, Forage(online), Accenture, December 2022**

Completed practical tasks in:

Set Project Priorities

Assemble a Plan

User Journey Redesign

Outcomes Analysis

Fix the Errors

Choose Your Language

Prioritization & Impact Assessment

- **Token Service Technology Virtual Experience Program, Forage, December 2022**

Completed practical tasks in:

Card Authentication

Select Visa API for Use Cases

- **Machine Learning Intern, Aican Automate -February, 2023**

Machine Learning

Python (Matplot)

Basic Ai

- **HR Intern, Fortis Worldwide, February – March,2023**

Helped in recruiting persons for marketing and sales operations

- **Advanced Software Engineering Virtual Experience Program, Forage, Walmart Global Tech, April,2023**

Advanced Data Structures

Software Architecture

Relational Database Design

Data Mungin

- **UI/UX Developer Intern, Visanka Technologies-May,2023**

Completed weekly tasks in Figma creating designs for different webpages and applications.

- **Campus Ambassador**

**Techniche -IIT Guwahati – July, 2023**

Executed campus events and advertising strategies following goals derived from organization objectives and research on methods for meeting recruitment and involvement targets.

- **Web Development Intern - CodeClause Pvt Ltd - Jul 2023 – Aug, 2023**

Modified and updated website to improve functionality and user experiences.

Tested work to check functionality, identify bugs and correct issues.

- **UI/UX Designer – CodSoft Chennai, India, Aug, 2023**

Designed and executed user interfaces for three distinct projects using Figma, a collaborative design tool. Created wireframes, interactive prototypes, and high-fidelity mock-ups while collaborating with cross-functional teams to ensure seamless design implementation.

### **INDUSTRIAL VISITS**

- Satish Dhawan Space Centre, Nellore, March 2023
  - Visited their MCC, Launch pads
- National Small Industries Corporation, Chennai, November 2022
  - Received a hands-on demonstration of the hardware components, also an insight into web development and mobile development

### **ROLE OF RESPONSIBILITY**

- Class Organizer, an industrial visit to NSIC, CHENNAI, fourth semester, Nov 2022
- Marketing Head, Event (The Mind Crusade), June 2022
- Class Organizer, an industrial visit to SDSC, Nellore, sixth semester, March 2023

### **TECHNICAL SKILLS**

- Technology/Techniques/Tools: MatPlot
- Software: Figma
- Operating System: C, C++, Python, HTML, CSS, JavaScript, React
- Microsoft Office Suite: Word, PowerPoint, Excel
- Embedded Systems (University of Colorado Boulder -Coursera)

### **EXTRACURRICULAR ACTIVITIES**

- Marketing Head, Quiz Club (SRM IST) 2022-current
- Classical Dancer