

KASINA KARTHIKEYA REDDY

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EDUCATION

University Of Missouri Kansas City

Computer Science | | GPA: 3.8/4

Kansas city, MO

Jan. 2022 – May 2023

GITAM University

Computer Science | | GPA: 3.6/4

Hyderabad, TS

June. 2016 – June 2020

EXPERIENCE

Edupolis Technologies Pvt Ltd (Unschool)

Software Engineering Intern (Sep. 2019 - Dec . 2019)

- Worked on developing a Full Stack web application to help with the on-boarding of the students and maintain their account details including login, shopping cart, filtered search and course registration.
- Used Spring Boot Framework in conjunction with MongoDB for the backend of the application. Used HTML, CSS and BOOTSTRAP for the frontend to give a great look to the application.

CADSYS (India) Limited

Software Engineering Intern (Dec. 2020 - Mar. 2021)

- Worked on a project called “Cloud Cadsys Server Management” that stores information about various servers through agents and shows this real time information on the dashboard.
- This dashboard is used as a performance tool to analyse and report the client’s data for every 5 minutes. This was created using java servlets for the backend and D3.js, bootstrap for the frontend.

PROJECTS

Human Resource Management System

- Primary goal of HRMS is to automate the human resource functions based on employee information. HRMS contains a user interface for the HRs and a centralized database containing the information of all the employees
- When a new employee joins the company, the employee gets added to the database and an automated mail is sent to the respective employee.
- All the employee data is encoded and secured with the cryptographic algorithms

Missing Child Identification System using deep learning

- For the project I used the Convolutional Neural Network, a deep learning model for feature extraction and trained SVM classifier for face recognition. By using CNN model, VGG-Face and by thoroughly training the model the classification achieved an accuracy of 98.21% that was evaluated on the test data containing 45 missing child images.

Instructable Machine

- Instructable Machine provides a means of communication between the Deaf, Dumb and Normal people. It also helps Blind people to recognize various objects. I created a training model to recognize the images.

RELEVANT SKILLS

Languages: Python | C++ | C | Java | SQL | Javascript | R | HTML/CSS

Server Testing: JUnit | jasmine | pytest | Mockito

Frameworks/Technologies: Spring MVC | JSON/XML | Node.js | React.js | Bootstrap | jQuery | AJAX | GIT | Apache Tomcat 5 | Restful Web Services

Databases: Oracle | Mongo DB | SQL Server 2012

AWARDS

- Received best Intern Award at Cadsys[India] Limited
- Awarded best project for Human Resource Management System from GAT, Hyderabad

PERSONAL WEBSITE

A responsive, touch-friendly & mobile-friendly website hosted on GitHub Pages (<http://karthikeya.me/>).

WORK AUTHORIZATION

Eligibility: (F1-Visa) Eligible to work in the U.S for full-time employment without sponsorship.