HARINI SRINIVASAN

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EDUCATION

Master of Science, Computer Science **May 2023**

University of Florida, Gainesville

Courses: Analysis of Algorithms, Distributed Operating System Principles, Distributed Multimedia System

Bachelor of Engineering, Computer Science and Engineering **May 2019**

Anna University, India **GPA 8.73/10**

Courses: Programming and Data Structures, Computer Networks, Internet Programming, Operating Systems, Database Management Systems, Compiler Design

SKILLS

Languages and Frameworks: C, C++, JavaScript, Java, Python, F#, SQL, HTML, CSS, Bootstrap, Ember JS, Django, Hugo, Akka.

Certifications: Programming, Data Structures and Algorithms using Python – Udacity, ACM Summer School on Data Science at Goa

WORK EXPERIENCE

Member Technical Staff, Zoho Corporation, Chennai, India *May 2019 – July 2021*

- Developed a feature that facilitates the users to configure and save layout customization options and report specific preferences as per their business needs using *Ember JS* framework in an online accounting software, *Zoho Books*
- Refactored the code base of a core module that optimized the code flow and reduced the bundle size by 150KB
- Collaborated with other product teams to integrate *Zoho Books* application into Zoho's suite for business
- Created a website builder tool to build landing pages and websites using *Ember Octane* and *Hugo framework* which led to *code uniformity*, *code consistency* and eliminating *code redundancy* up to 85%
- Established a CI setup using GitLab CI that made it possible to push code changes in under 20 minutes

Project Trainee, Zoho Corporation, Chennai, India *December 2018 – April 2019*

- Identified and fixed UI breakages and customer issues in *Zoho Books*
- Worked with designers and content writers to create landing pages for *Zoho Finance* products using *Hugo* framework

ACADEMIC PROJECTS

Library Management System (JavaScript): A web application that allows the client to perform all the library management functionalities such as quick search of books, book lending and stock management using *Ember JS* framework.

Skill-set Recommender for Autism affected Children (Python): A vocational skill-set recommender system for autism affected children, trained using Naïve Bayes algorithm on data collected from a survey, which identifies the skill of each child.

F-Suite (Python): A *Django* application which uses regression models and Convolutional Neural Network to provide a suite of functionalities to farmers including crop suggestion, yield prediction and crop disease identification.

Media Storage application (Python): A web application built using *Django* framework that allows storage and retrieval of media files based on *Representational State Transfer (REST)* API for handling HTTP request/response.

Smart Jar (C++): An *Internet of Things* model designed using *Arduino Uno* microcontroller, to monitor and control alcohol consumption by processing the data retrieved from *MQ3* alcohol sensor.

ACCOMPLISHMENTS

- **"Best Business Social Idea"** award in a make-a-thon conducted by India Electronics and Semiconductor Association
- **"Best Project"** award in a National Level Hackathon
- **"Department Topper"** award during undergraduate studies