

# SUGANYA CHANDRARAJ

## Full stack software developer



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### ABOUT ME

- I am an Engineering graduate with a Masters degree.
- Experienced as a Business Analyst for 2 years.
- Certified as a Full stack web developer at Nashville Software School.
- I started learning to code through self-study online & After taking a few online courses, I began looking for a more engaging learning environment and enrolled in Nashville Software School.
- Interested to learn new skills & technologies as well.
- Flexibility and Adaptability to work in any environment.
- Ready to start my career ASAP.

### TECHNICAL SKILLS

- SDLC METHODOLOGIES: Scrum, Agile, and Waterfall
- TECHNICAL SKILLS:
  - JavaScript, React.js, Git and GitHub
  - Python, Django, React Bootstrap
  - SQL Programming, SQLite and JSON server
  - HTML5, CSS3.

### CAREER SUMMARY

#### Full STACK WEB DEVELOPER at Nashville Software School. September 2020

Intensive full-time 6-month software development bootcamp anchoring learning with present individual and team-based projects.

Tech stack:

Python/Django, React.js, JavaScript, HTML5, CSS3, SQL fundamentals

#### Front-End:

- Developed dynamic single page application with full CRUD functionality (Create, Read, Update, Delete) for handling data, utilizing CSS and ReactStrap for styling, JavaScript/React.js.
- Used GitHub to perform and review pull requests to ensure working code free of merge conflicts.
- Experience working remote utilizing Zoom and Slack.
- Participated in both group and individual projects, communicating with team members and instructors to build complex applications.
- Exposed to Agile environment through frequent group projects including daily stand ups, planning, ticket assignments, & problem solving.

#### Back-End:

- Building & using API's, implementing CRUD functionality
- Used python and Django fundamentals such as Class properties, functions and inheritance to create server side applications.
- Git/GitHub for version control & project collaboration.
- Entity Relationship Diagram (ERD) creation.
- Wireframing to aid in planning projects.

# PORTFOLIO

## PERSONAL PROJECTS

### KIDS CHOREPAD | FRONT-END CAPSTONE | REACT

I plan to build an application to encourage children to do the tasks by their own without the adult supervision. This App helps parents/adults to track their kids progress in their Academic, and helps to manage their kids time in a very productive way. The primary user of this App is children, and the secondary users will be Adults/parents.

- I built this app using React.js for CRUD functionality and Reactstrap, CSS for styling.
- This project was a great experience in learning how to build a web application from the ground up.
- The Entity Relationship Diagram needed to be a solid foundation for the rest of the app to be successful. Because this was an individual project, I had more opportunities trying to solve problems on my own.
- I became even more comfortable with Chrome's DevTools to be able to debug the project in order to solve problems and get to know my app on a deeper level.

-  Github link: [Suganya-dev/Frontend-CAPSTONE \(github.com\)](https://github.com/Suganya-dev/Frontend-CAPSTONE)

### THE BIG EVENTS | BACK-END CAPSTONE | PYTHON/DJANGO

The process of planning and coordinating the event is usually referred to as event planning.

This Event planner is the full stack application will solve organizing and planning for the user's family events. It helps the user for creating the new event and developing the event with events category type and the food planner for each event. Each event is different in its nature, so the process of planning and execution of each event differs on the basis of type of event.

- I built this app using React.js for CRUD functionality on client side and by using Django framework on Server side.
- This project was a great experience in learning how to build a web application as a full stack web developer.
- This project helps me to get a better understanding on the data flow between client and server.
- The Entity Relationship Diagram needed to be a solid foundation for the rest of the app to be successful. Because this was an individual project, I had more opportunities trying to solve problems on my own.

-  Github link : [Suganya-dev/CAPSTONE-SERVER-SIDE \(github.com\)](https://github.com/Suganya-dev/CAPSTONE-SERVER-SIDE)
-  Github link: [Suganya-dev/CAPSTONE-CLIENT-SIDE \(github.com\)](https://github.com/Suganya-dev/CAPSTONE-CLIENT-SIDE)

## GROUP PROJECTS

One of the most memorable projects for me was actually my first project at NSS. (FRONTEND)

**HELLO-WORLD The Ship wreck Way** - was our first group project at Nashville Software School, and we used HTML, CSS, Flexbox, JavaScript, Event Listeners, Git, GitHub, and http-server to build the website.

### NUTSHELL-

- This was my challenging group project with 4 teammates .
- Nutshell is a new product offering that you have been tasked with building.
- It's a dashboard for people to use to organize their daily tasks, events, news article, friends, and chat messages.
- I utilized all of the skills and concepts that i have learned up to this point in the course.
  - Functions , Databases
  - GitHub , Array methods
  - Objects , CSS/Flexbox
  - Components , Handling user events
  - Implementing CRUD operations
  - Relational data , ERDs

The most important lesson I learned during this group project was how important it is to plan your components, structure, layout, and modules before you start writing code. I also learned how git and GitHub can help a team work on a project together effectively.

-  GitHub link: [nss-day-cohort-44/nutshell-bronze-nightwalkers](https://github.com/nss-day-cohort-44/nutshell-bronze-nightwalkers)

# PORTFOLIO

## GROUP PROJECTS

**BACKEND: PYTHON,DJANGO:**

**RARE-PICNIC-FISH/ RARE-VICIOUS BLIZZARDS:**

- This is the first group project in backend, which includes both Client and server side.
- Rare is a responsive app created in a collaborative group using React.js,Python/Django.
- This app provides an easy environment for users to be able to share Posts,comment,Tags and category and subscribe to other users.
- I got to use SQL queries in my code.
- We used POSTMAN for CRUD functionality.
- We used project boards, handling with tickets, weighing the tickets in agile environment.
- Git/GitHub for version control & project collaboration.
- Entity Relationship Diagram (ERD) creation.



GitHub link: [nss-day-cohort-44/rare-rest-api-rare-vicious-blizzards](https://github.com/nss-day-cohort-44/rare-rest-api-rare-vicious-blizzards): rare-rest-api-rare-vicious-blizzards created by GitHub Classroom

## EXPERIENCE

### Worked as a Business Analyst (India) (2012-2014)

#### PROJECT DESCRIPTION:

The Scope of the project was to design and meet the administrative requirements found in most group health providers, including TPA(Third party administrators) and self insured company who choose to administer their own health group programs.

#### RESPONSIBILITIES:

- SDLC Methodology, Waterfall was implemented to develop and build the system.
- Created Business Requirement document(BRD),Functional requirement document(FRD).
- Elicited requirements through Joint application development(JAD)sessions, and interview sessions.
- Created Use cases and built Use case diagram and activity diagram using MS Visio.
- Created Requirements traceability matrix(RTM) ensuring requirements are met in all phases of the project.
- Also involved in GAP analysis to know the present state of business and to know the future needs.

• **ENVIRONMENT:** MS Office 2012(Excel,Powerpoint,word), MS Vizio, UAT, Sharepoint, MS project

## EDUCATION

**NASHVILLE SOFTWARE SCHOOL:** 2020 Full stack Web development Bootcamp (Full Time)

**ANNA UNIVERSITY(INDIA):**

Specialization in Technology | Class of 2012

- Completed Masters of engineering - April 2012.
- Completed Bachelors of engineering - April 2010.

## VISA STATUS

- Eligibility to work in United states of America.
- Holding H4 EAD