

VIVEK SUMANTH CHINTAKULA

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SUMMARY

Evolving Computer Science graduate interested in Web development with the focus on backend development and technologies, possess hands-on experience in building applications using Mean Stack and other tools. Well versed in Python, Data structures and algorithms, and Analysis of algorithms for its Time and Space complexities. Seeking to use my Web development knowledge in industry level and learn new technologies in enhancing my skill set.

EDUCATION

Masters, Computer Science
Illinois Institute of Technology, Chicago
Bachelor of Technology, Computer Science
Grandhi Mallikarjuna Rao Institute of Technology, Rajam

Jan 2020 - Present
GPA: 3.66/4.0
Aug 2015 - Jul 2019
GPA: 3.0/4.0

SKILLS

Programming Languages: Python, C, JavaScript

Tools and Technologies: Node.js, Docker, D3.js, Express, PostgreSQL, Nginx, Highcharts, Git, RESTful Services

Frameworks: AngularJS, Mean Stack (MongoDB, Express, Angular, Node.js), HTML, CSS

EXPERIENCE

Server-side Developer, Indriyn Technologies Pvt Ltd (*Internship*)

May 2017 - Jul 2017

Link: <https://github.com/VivekSumanth/water-detection-system>

Technologies: HTML, CSS, Node.js, JavaScript, Heroku.

- Developed real-time water level Indicator using Arduino and Ultrasonic sensor.
- Created a dynamic web page to monitor the water-level using Node JS through Azure server.
- Displayed real-time data on the web page developed using HTML, CSS, Bootstrap, and JavaScript.

PROJECTS

Super-store Dashboard

Link: <https://github.com/VivekSumanth/superstore-dashboard>

Technologies: Mean Stack (MongoDB, Express, AngularJS, Node.js), Highcharts.

- Developed a dynamic website that provides the customers with a Dashboard to check the trends on the superstore data.
- This dashboard is developed using REST API which can communicate between user requests via HTTP requests to get data from MongoDB in JSON format.
- Received JSON response is then communicated with HTTP end points and visualized using highcharts's various charts like stacked bar charts, Pie charts, and Choropleth charts in AngularJS.

Restaurants and Social Places

Link: <https://github.com/VivekSumanth/restaurants-and-social-places>

Technologies: Mean Stack (MongoDB, Express, AngularJS, Node.js), PostgreSQL, Elastic Search.

- Developed an interactive website "Restaurant and Social places" on REST API which allows users to create an account, and passwords of the user are hashed by Bcrypt for privacy.
- This website allows user to search for food and location via an interface developed in AngularJS which passes the request to Yelp API, furthermore, provides features to check nutrient content in the food using Nutritionix API and also provides recommendations from the previous ratings and reviews of the user using Recombee API.
- Users can provide their reviews and ratings of the restaurants and social places that are posted into MongoDB using the Post method and can retrieve their ratings and reviews in the user profile by GET requests.

Pi-hole (DNS Level Sink hole)

Link: <https://github.com/VivekSumanth/Pihole-docker>

Technologies: Docker, Pi-hole, Raspberry Pi.

- Deployed Pi-hole "A Linux level advertisement blocking application" in Docker containers by writing the docker-compose file.
- Configured DNS with OpenDNS in the router to protect from phishing attacks and added content filtering to filter my traffic from malicious websites.

CONFERENCES

- Under the guidance of Dr. B. Santhosh Kumar, presented a paper entitled "A Study on Data Anonymization for Privacy-Preserving Data Publishing" in RSRI conference on recent trends in science and engineering (RSRI CRSE 2019), Indore.

Link: <http://viveksumanth.com/conferences/Paper.pdf>