

Vivek Sumanth Chintakula

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Location: Chicago, IL

SUMMARY

Evolving Computer Science graduate, with a work ethic to drive excellence in software engineering projects. Possess hands-on experience in building applications using Mean Stack, Servlets, JSP, and other tools. Well versed in Python, Data structures, algorithms and has an efficiency to produce clean code, Solve complex problems, analyze data, and improve performance. Seeking to leverage my knowledge at the industry level and enhance my skill set.

EDUCATION

- Illinois Institute of Technology** Chicago, IL
Masters - Computer Science; GPA: 3.83/4.00 Jan 2020 - Present
- Grandhi Mallikarjuna Rao Institue of Technology** Rajam, AP, India
Bachelor of Technology - Computer Science; GPA: 3.00/4.00 Aug 2015 - Jul 2019

SKILLS SUMMARY

- Languages Python, C, JavaScript, JAVA
- Frameworks MEAN Stack (MongoDB, Express, Angular, Node.js), HTML, CSS, Bootstrap
- Tools Node.js, Express, Docker, JSP, Servlets, GIT, SQL, MongoDB, Neo4j, RESTful Services

EXPERIENCE

- Indriyn Technologies Pvt Ltd** Hyderabad
Internship May 2017 - Jun 2017
 - 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

- Object-Oriented and Model Based Testing** | *Java, Design Patterns.* Aug 2020 - Dec 2020
Link: github.com/VivekSumanth/SSA-GasPump
 - Used Extended Finite State Machine model to develop a platform-independent Gas Pump Model using Design Patterns like Abstract Factory Pattern, Strategy Pattern, Adapter Pattern, State Pattern.
- Grocery Hub** | *Java, Servlets, JSP, Tomcat, MongoDB, MySql, Ajax, Python, Neo4j.* Aug 2020 - Dec 2020
Link: github.com/ms811/CSP-584-Project
 - Developed a user-friendly website using JSP's and Servlets which is accessible to both user and store manager to buy and sell the stock respectively, used Tomcat server as a backend server to integrate servlets.
 - Used Python Suprise scikit as a recommender system to provide recommendations. Used Twitter API to study Twitter tweet data of "Instacart" and provide deal matches to the user. Used Google MapsAPI to geocode user location or user searched locations to provide the nearest store.
 - Used MySQL, MongoDB databases to perform CRUD operations to store user data, Stock data, etc. Used Neo4j graph database to show relations and between various components attributed by the user.
- Super-store Dashboard** | *Mean Stack (MongoDB, Express, AngularJS, Node.js.), Highcharts.* Apr 2020 - May 2020
Link: github.com/VivekSumanth/superstore-dashboard
 - Developed an interactive dashboard using AngularJS that shows the changing trends in Superstore data.
 - Developed a REST API that can communicate between user requests via HTTP requests to get data from MongoDB in JSON format, The received JSON response is then communicated with HTTP endpoints.
 - used highcharts's various charts like stacked bar charts, Pie charts, and Choropleth charts in AngularJS to visualize the received data.
- Restaurants and Social Places** | *Mean Stack, MYSQL, Elastic Search.* Jan 2020 - May 2020
Link: github.com/VivekSumanth/restaurants-and-social-places
 - Developed a website using AngularJS. Used Yelp API, Google Maps API for user searched restaurant details and locations, Used Recombee API to provide recommendations based on ratings.
 - Integrated frontend to backend by developing REST API using NodeJS and Express, through which users can create an account, provide and retrieve reviews using HTTP methods (GET and POST), and querying on MongoDB and MYSQL.
- Pi-hole (DNS Level Sink hole)** | *Docker, PiHole, Raspberry pi* May 2020 - Jun 2020
Link: github.com/VivekSumanth/Pihole-docker
 - 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.

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: viveksumanth.com/conferences/Paper.pdf