RESUME| RANGANI SREEHARINAIDU| COMPUTER SCIENCE MASTER'S PROGRAM

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EDUCATION
Bachelors in Electronics & Communication Engineering, Ananth Lakshmi Engineering College, JNTU, Anantapur, CGPA: 8.15 /10; Aug 2016 –Sept 2020

WORK EXPERIENCE
Programmer Analyst, Cognizant Technology Solutions India Ltd, Hyderabad   **Nov 2020 – Jan 2022**
- Creates and executes load and performance test using Load Runner Enterprise.
- Define, develop, execute performance/load tests, and integrate them with automated test scripts.
- Creates, executes, and maintains performance testing scripts.
- Generating automated test scripts using Vugen LoadRunner,
- Testing Memory Usage and generating Grafana test report.
- Work with developers to troubleshoot and resolve performance issues.
- Create performance test plans and defines approaches for end-to-end performances.
- Actively participate in establishing project plans, estimating work and monitoring progress against milestones.

Full Stack Developer, 6D Technologies, Bangalore   **Jan 2022 – Present**
- Over 14 months of experience as Full Stack web developer with solid understanding of front-end technologies, Restful web services and database designing.
- Strong Knowledge in MERN Stack with experience in building web applications, used React.js for UI, Node.js for server side, SQL server for database.
- Expertise in using React.js/Redux to build user interface , strong knowledge for state store, middleware, action creator, reducer and container
- Expertise in using grid controls, jQuery and DOM manipulations and developed responsive design using CSS.
- Experience in JIRA for bug tracking.
- Experience in Kafka to build real-time data streaming pipelines.
- Experience in working with GitLab.
- Experience with Agile Scrum Methodology, highly involved on daily scrum meetings.

ACADEMIC PROJECTS
Title: Wireless AC Power Tester - Wireless Communication Using Antenna copper clad steel.
Duration: Jan-Feb 2019
Team size: 5
Summary: Using copper antenna wire and CD 4017 IC, developed, and designed circuit. This wireless ac power detector detects the ac power in the live wire without contact to it, and it pass the information to the human beings with the help of buzzer and LED.

Title: Obstacle Detection and Avoidance Robot
Duration: Dec 2019-Mar 2020
Team size: 5
Summary: Using latest Technology (Embedded C) we have developed a robot which continuously monitors its entire path. We used INFRA RED sensors to detect the obstacles. This project is designed in such a way that IR sensor are interfaced to the controller. Two DC motors are also interfaced to the controller through driver IC L293D for moving robot left, right, front, back. The INFRA RED has both transmitter and receiver, where transmitter will transmit the INFRA RED waves. If there is any obstacle in front of the robot, then the transmitted INFRA RED rays will be reflected. The reflected wave will be received by the receiver. Then the robot understands that there is an obstacle in front of that and then it will change its direction and moves ahead. A16X2 LCD will be interfaced to the controller to display the status of the sensor.

Title: Library Management System – MERN Stack Web Development
Duration: Mar-Apr 2019
Team size: 1
Summary: Developed a web-based library management system. Provided an enhanced user interface and experience as well as a streamline administrator portal for Library Staff.

CERTIFICATIONS
- React – The Complete Guide (Incl Hooks, React Router, Redux) | Udemy, Sept 2021
- The Complete| Web Development Boot Camp (MERN Stack) | Udemy, Dec 2022
- Azure Fundamentals | Cognizant Technology and Services August 2022

WORKSHOPS

- 'Fundamentals of Internet of Things (IoT)' organized by APSSDC during 12th to 14th March 2019.
- 'Fundamentals VLSI Design' conducted by ALTS Engineering College, Anantapur, Nov 2018.

PRESENTATIONS
- Participated in and presented a paper on Advanced Wireless Communications at BIT Institute of Technology at Hindupur, May 2018.
- Presented a paper on "Social Media" as part of the ALTS ECE Department English Seminar Presentation, Mar 2017.

SEMINARS AND CONFERENCES
- Delivered a seminar on 'Compressed Image Processing' at SRIT Engineering College, Jan 2019.
- Attended the National Conference on Open Source of Data Science at JNTU, Feb 2019.

TECHNICAL SKILLS
Computers: Well versed with Java/Python/C/C++, React JS/Node JS/Express JS, HTML/CSS/JavaScript, Cloud Computing/AWS Set-up,Statistical Analysis, MySQL/MongoDB/MS Access, DSA/Machine Learning, LoadRunner/Vugen/LoadRunner Enterprise.

EXTRA-CURRICULAR ACTIVITIES
- **Sports:** Integral part of cricket and chess teams.
- Part of Campus Recruitment training program, Conducted in ALTS Feb 2019.
- Participated in Go Green Marathon 2017 organized by my college management as a part of 'Go Green, Save Planet Earth' initiative.
- Volunteered to organize the ECE departmental fest 'ETECH-KSHETRA 2k17' at ALTS.

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