POLIMERA SUCHARITHA

CONTACT

Telangana

Mobile: +91 9381344995

sucharitha6032@gmail.com

EDUCATION

September 2022
B. Tech: Computer Science & Engineering
CMR College of Engineering & Technology, Jawaharlal Nehru Technological University (JNTU), Hyderabad, India, Hyderabad, India

- Final Grade: 9.27/10.
- Graduation with Distinction, 2022.
- Recipient of Academic Topper, 2021.
- Merit Scholarship, 2018-2022 from Telangana State.
- Member of Coding Club, 2019-2022.
- DevOps Intern, Planon Software Private Limited, 2022.

May 2018
XII: MPC
Sri Chaitanya Junior Kalasala, Kukatpally, Hyderabad, India, Hyderabad, India

- Final Grade: 986/1000.
- Graduation with Distinction, 2018.

PROFESSIONAL SUMMARY

Well-qualified Full Stack Developer familiar with wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements. Handles any part of process with ease. Collaborative team player with excellent technical abilities.

SKILLS

- Web Technologies: ES6, Jquery, Bootstrap
- Front-End Programming: HTML5, CSS, AJAX
- Scripting Languages: PHP, Python, Javascript
- .NET Framework
- Programming Languages: C, C++, JAVA
- Design Tools: Arduino UNO, Unity, Sketchup.
- DevOps Tools: Jira, Confluence, Bitbucket, Jenkins.
- Software Development Lifecycle

WORK HISTORY

August 2022 - Current
Associate Developer, *Planon Software Private Limited*, Hyderabad, India

- Worked with two other developers on the homepage, stock page and UI of the product SamFM.
- Worked on the revamping of stock module into a brand new module using kendo, tabulator with ES6 framework.
- Used Javascript, SQL, .Net, JQuery, Less, ES6 and HTML to develop app-solutions.
- Completed full redesigns of existing websites to improve navigation, enhance visuals and strengthen search engine rankings.
- Developed efficient and maintainable software according to business objectives and needs of clients.
- Collaborated with team to analyze system solutions based on client requirements.
- Addressed priority production bugs and customers bugs along with brand new customer improvements/features requested by clients.
- Designed and executed security measures for XSS, Broken Access and SQL Injections.

- Merit Scholarship, 2018 from Apollo Health City for being merit student.
- Board: Telangana State Board of Intermediate Education.

May 2016
SSC
CastleTown High School, Miyapur, Hyderabad, India, Hyderabad, India
- Final Grade: 9.7/10.
- Graduation with Distinction, 2016.
- Board: State Board of Secondary Education.

- Conducted unit testing to deliver optimal browser functionality.

September 2021 - July 2022
DevOps Intern, *Planon Software Private Limited*, Hyderabad, India
- Worked with three DevOps engineers on migration of Bitbucket, Jira, and Confluence from server to cloud.
- Worked on automation of release processes.
- Released several versions of product to production.
- Analyzed problems and worked with teams to develop solutions.
- Worked on Jenkins pipeline.

ACHIEVEMENTS AND ACTIVITIES

- A good analyzer with the district second certification in aptitude examination(Godavari).
- Passionate artist with the silver medal appreciation from Camlin Arts.
- My strong passion for music fuels my creativity as a guitarist.
- National level Spell Bee competitor.
- Merit student for the academic year 2018.
- Silver medalist for the academic year 2021.

PROJECTS

1. Controlling GPIO using the android app over Bluetooth
- Operated Bluetooth Module HC-05 connected to Arduino UNO, and set up GPIO controls using an Android app to move and also detect controls.

2. Self- Driving three-wheeled Robot
- Arduino UNO microcontroller is integrated into a suitable three-wheeled robot with two operational wheels (connected to 2 separate motors).
- Used HC-SR04 Ultrasonic Distance sensor to detect obstacles.
- Programming was done using Arduino IDE and UNO dependencies in it.
- The Robot is calibrated to detect obstacles and turn to a safer side where there are no blockages.

3. Designing a 3-Dimensional Navigable Model of my College
- SketchUp Pro 3-D modelling software was used for Floor plans.
- Autodesk Fusion 360 3-D CAD/CAM software was used for creating Classroom Prototypes.
- Unity Real-Time Development Platform was used for final assembly of Floor plans, prototypes and other Objects.
- Integrated Microsoft Visual Studio Code with Unity for Character programming. Character is used to free roam around the Building.

4. Detection of Covid-19 and its severity identification using chest X-rays
- Employed Xception Neural Network for detection of covid.
- Taking chest X-rays as input and getting the Severity of covid by detecting dark patches in chest X-ray images.