PURNA SAHITHI ADDURI

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SUMMARY

Versatile Front-end Developer with 3+ years of experience designing, developing web applications. Specialized in AngularJS and React responsive design.

EDUCATION

Illinois Institute of Technology, Chicago, IL   Expected Dec 2019
Master of Computer Science

Jawaharlal Nehru Technological University, Kakinada, India   October 2010 - July 2014
Bachelor of Technology in Computer Science

TECHNICAL SKILLS

Web-development Developer: JavaScript, Angular Js, Angular 7, Node JS, React, HTML5, CSS3, RestAPI
Programming Languages   : Java, C, Python
Database   : Oracle, MySQL, PostgreSQL, Elasticsearch, MongoDB
Development Tools   : Visual Studio, Eclipse, BlueJ, GitHub, Bitbucket, Android Studio, CloudIO framework
Others   : Android App Development, Java based Encryption and Decryption, Microsoft Office,
                                              Microsoft Visio

EXPERIENCE

CloudIO India Pvt Ltd, India   December 2014 –January 2018
Sr. Applications Engineer

Role & Responsibilities:
- Developed Web-based products to provide user-friendly interface for the end users that increased the productivity of the clients, which enables the clients to upload the reports/documents from their mobile devices.
- Involved in migration and deployment of new developments/changes.
- Represented CloudIO in discussions with clients for problem descriptions and solutions

Web based Application, Innercircle, Breg Inc USA   June 2015 – January 2018
- Developed an application that is compatible with Web browsers and mobile devices using Angular Js.
- Replaced a content management system with a mobile application using CloudIO Framework so that it would be accessible to the users (sales reps) outside the VPN network.

Statistical reports application, FUTEK Advanced Sensor Technology, Inc USA   July 2015 – January 2018
- Developed reports using CloudIO framework that connects to multiple databases to retrieve data and displayed in their website with rich look and feel to the end users.

ACADEMIC PROJECTS

ChicagoSocialHub
- Developed a user-friendly interface to search for the nearest social places like restaurants with its details like address reviews and ratings and the available Divvy docks near that place. Dashboard to show the Animated Heat Map, Bar Chart, Line Chart, and Stacked Bar Chart for the different review counts and ratings for the search results, Angular Google Maps to show the location.
- Technologies used: Angular 7, NodeJS
- Backend: PostgreSQL, Elasticsearch (NoSQL)

Improvement of CBC Encryption with Combination of Merkle - Hellman Knapsack Cryptosystem
- Encryption and decryption of message in secure manner.
- Programming Language: Java
- IDE: BlueJ

Predicting Stocks with Twitter
- Developed a model that would predict if the stock prices increase or decrease based on the tweets made by the influential people and product buyers or consumers
- Technologies used: Python, RestAPI