Purna Sahithi Adduri

Professional Summary

Versatile Front-end Developer with 4+ years of experience designing, developing UI/UX web applications. Specialized in AngularJS and React responsive design. Interested in pair programming environment. Experience with D3 data visualization technologies

Work Experience

Full-stack Developer Co-op – Nokia

Sunnyvale, California. *08/2019 – 12/2019*

- Developed a web application to manage pre-sales and post-scales of customer supply management.
- Designed an internal tool and implement web applications using Angular 8+ framework and save data in a central repository into a MySQL database of Amazon RDS
- Handled backend and hosting an application in AWS cloud platform in AWS EC2 instance
- Implemented Identity Access Management - Servers and Databases

Sr Applications Engineer – CloudIO Pvt Ltd

Hyderabad, India. *10/2014 - 01/2018*

- Developed an application that is compatible with Web browsers and mobile devices using Angular Js.
- Worked on SQL query performance and enhancements using PostgreSQL
- Implemented Identity Access Management - Servers and Databases
- Maintenaned servers in AWS
- Replaced a content management system with a mobile application using JavaScript Framework

Projects

- **Chicago Social Hub:** Developed a user-friendly interface to search for the nearest social places, restaurants and the available Divvy docks near that place. Dashboard showing the D3 charts and Angular Google Maps to show the location.
  Tech Stack - Angular 8, NodeJS, PostgreSQL, Elasticsearch (NoSQL), D3 Charts
- **White Labels Studio :** Developed a web application to manage pre-sales and post-scales of customer supply management
  http://nokiawhitelables.s3-website.us-east-2.amazonaws.com/
  Tech Stack – Angular 8, JSON, NodeJS, MySQL, AWS, EC2, RDS
- **Yummy Kitchen:** Developed a Sigle Page Application to Order Online and provide customer reviews for the services offered by the vendor. A demonstration can be found here
  Tech Stack – HTML5, CSS3
- **Improvement of CBC Encryption with Combination of Merkle - Hellman Knapsack Cryptosystem:** Model to encryption and decryption of message in secure manner using CBC Encryption with Combination of Merkle - Hellman Knapsack Cryptosystem with Shifting Cipher Algorithm
  Tech Stack- Java, BlueJ IDE
- **Stock Prediction with Tweets**: Developed a model that predicts if the stock price rises or falls the next day based on tweets.
  Tech Stack- Python, Random forest, Naive Bayes and SVM

padduri@hawk.iit.edu
(312) 404-3051
Chicago, IL

- www.linkedin.com/in/purna-sahithi-adduri
- https://purnasahithiadduri.github.io
- github.com/PurnaSahithiAdduri

Education

2020-May
Illinois Institute of Technology
Chicago, IL
Master of Science: Computer Science, Specialized in Software Engineering

2014-Aug
Jawaharlal Nehru Technology University
Kakinada, India
Bachelor of Science: Computer Science

Skills

- JavaScript
- AngularJS
- HTML5
- CSS3
- Bootstrap
- NodeJS
- ReactJS
- Java
- jQuery
- AWS
- MySQL
- PostgreSQL
- JSON
- RestfulAPI
- Oracle
- Python
- Test Driven Development (TDD)
- Agile, SCRUM, Waterfall Models
- Git, Bitbucket, JIRA, Flask, Express, Apache, MVC, IIS, SharePoint, SQLAlchemy, EC2, LINUX, Logstash, Microsoft Office

Certifications

AWS Certified – Cloud Practitioner Issued Feb – 2018

Activities

Language Translator in the Commencement Ceremony, Chicago: May19