

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. Experience with D3 data visualization technologies. Have a good understanding of Web security and OOP concept

Work Experience

Developer Co-op – Nokia

Sunnyvale, California.

08/2019 – 10/2019

- Developed an internal tool that provides a solution to maintain and save data in a central repository into a MySQL database of Amazon RDS.
- Designed an internal tool and implement web applications using Angular 8+ framework
- Handled backend and hosting an application in AWS cloud platform in AWS EC2 instance
- Identity Access Management - Servers and Databases

Sr Applications Engineer – CloudIO India Pvt Ltd

Hyderabad, Telangana

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
- Identity Access Management - Servers and Databases
- Servers maintenance 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 (<http://nokiawhitelables.s3-website.us-east-2.amazonaws.com/>)

Developed a web application to manage pre-sales and post-sales for customer supply management.

Tech Stack – Angular 8, JSON, NodeJS, MySQL, AWS, EC2, RDS

Yummy Kitchen

Developed Single Page Application to Order for Online, provide reviews by customers 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

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- <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

Bachelor of Science: Computer Science

Skills

- JavaScript
- AngularJS
- HTML5
- CSS3
- Bootstrap
- NodeJS
- ReactJS
- Java
- JQuery
- AWS
- MySQL
- PostgreSQL
- JSON
- RestfulAPI
- Oracle
- Microsoft Office

Certifications

AWS Certified – Cloud Practitioner
Issued Feb – 2018

Activities

Language Translator Commencement
Ceremony, Chicago: May19