

# 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 a web application to manage pre-sales and post-sales 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
- Identity Access Management - Servers and Databases

### Sr Applications Engineer – CloudIO India 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
- 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 :** Developed a web application to manage pre-sales and post-sales 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 Single 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*

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- <https://purnasahithiadduri.github.io>
- [github.com/PurnaSahithiAdduri](https://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
- 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 Commencement  
Ceremony, Chicago: May19