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Looking for full-time opportunities as a Full Stack Web Developer

Education:

Master's in Computer Science (MCS) | Arizona State University |Tempe, AZ — Aug 2017- May 2019
B. Tech in Computer Science and Engineering | G.I.T.A.M University | India | GPA: 8.62/10 — June 2013- May 2017

Technical Skills:

Language: C/C++, Python, Java, HTML5, JavaScript,
Database: SQL, MYSQL, MongoDB, NoSQL, RDS, DynamoDB.
Web Technology: HTML5, CSS4, Vanilla JavaScript (ES 6), NodeJS, ReactJS, AngularJS, D3.js
Tools: PyCharm, Anaconda, Eclipse, Microsoft Visual Studio Code, Atom, Git, Heroku, Microsoft Office Suite, Android Studio
Framework: jQuery, ExpressJS, Bootstrap 4, Mongoose ODM, EJS, Java Spring, GatsbyJS
AWS Services: IAM, CloudFormation, CI, CD, RDS, DynamoDB, Lambda, S3, CloudWatch, CloudFront, Route53, Congnito.

Academic Projects:

Amazon Recommender System — **Jan 2019-May 2019**

➢ Designed a recommender system based on the product review data collected from http://jmcauley.ucsd.edu/data/amazon/

➢ Categories section is designed using sunburst chart, stacked bar chart to represent good and bad reviews for individual product reviews, Latent Dirichlet Allocation was used to generate a word cloud to show the product reviews and bubble chart to show the product reviews over the years. We used Apache Lucene, a Java Library to index all the reviews of a product and then querying based on all the positive words which describe the sentiments of a reviewer towards a good product.

Heart Rate Prediction using Electrocardiography — **Jan 2018- May 2018**

➢Collected the data from the wearable Faros ECG sensor and processed it for the determination of heart rate to predict bradycardia.

➢ After analyzing the data peaks, we came up with an algorithm suitable for our data from the standard RPeak_detection algorithm in matlab. From the peaks, we were able to find the heartrate and plot it.

➢Implemented the bradycardia algorithm from the heartrate over a period in python and made manual annotations where bradycardia occurred. With the manual annotations for bradycardia conditions, we used K-means machine learning algorithm to predict bradycardia in future conditions.

Secure Banking System — **Aug 2017-Dec 2017**

➢ We designed a secure banking web application that provides secure banking transactions and user account management. The system designed to minimize the vulnerabilities and maximize security.

➢ We used PKI to secure the data on the web, OTP for two factor authentications.

➢ Used Java, SpringMVC, MySQL for the development of the project.

Personal Projects:

Single Page Application (A Personal Website): (V2) Built using React, Gatbsy detailing projects and skills. Gatsby is mainly used because of its compatibility with React, WebPack and GraphQL
Technologies used**:** React, Gatsby (WebPack, GraphQL) , npm package manager.
Single Page Application (Burger Builder) : Built for a fastfood chain (burger) using React 16 and Google firebase as database.
Technologies used**:** React 16 (react router, redux, Hooks), npm package manager, Firebase.
V1: The first iteration of my personal website built using basic HTML. The website is made responsive using bootstrap 4 compatible for different devices.
Technologies Used**:** HTML, CSS Bootstrap 4.
Todo-List: A Todo-list web application using NodeJS and MongoDB for the database.
Technologies used**:** NodeJS, MongoDB, HTML, CSS, Express, Mongoose, nodemon, npm.

Certifications:

➢Web Development certification from Angela Yu(App Brewery) on Udemy July 2019
➢Cryptography-1 from Dan Boneh (Stanford University) on Coursera October 2016
➢Core Java by Hewlett Packard July 2016

➢Cyber Security and it's ten domains from Dr. Humayun Zafar (University System of Georgia) on Coursera July 2016
➢React - The Complete Guide (incl Hooks, React Router, Redux) by Maximilian Schwarzmüller on Udemy July 2019

Extra Co-curricular:

❑ Member of Advisory Board, founding member of Global Guides (Student Organization in ASU) 2018-2019 ❑ Actively Participated in CIS (Coalition of International Students) 2017–2019 ❑ Volunteered at Global Leadership Academy (2019) ❑ Volunteered at UMOMs New Day Center (2019) ❑ Volunteered at Mozilla Hive Event 2013 ❑ Global Guide Mentee and Mentor 2017-2019.