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MEGHSHYAM SONAR

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EMPLOYMENT

Student Worker **Texas A&M University, Kingsville** **May 2019- May 2020**

IT Technician

- Assisted professor of the university with the development of a dynamic and interactive costumed website that ensured high traffic, page views and user experience, resulting in a 40% increase demand
- Edited commencements videos for Texas A&M University for a batch of 2018 and 2019
- Information Technology Help Desk Answer Troubleshooting Questions

Utilized: JavaScript, HTML, Cloud Storage, Google Analytics, Adobe Premier Pro, SharePoint

Software Developer **Pinnaculum Infotech** **Aug 2016 – April 2018**

- Developed a website for a local mall to compare goods available on store with other competitor resulting in 10% growth of sales
- Developed an application using Bluetooth technology (BLE) that tracks the location of each customer in the mall which helps shops to send discounted price using SOA API whereby increasing their business by 20%
- Developed a document with best practices of installation for the servers with SQL and SharePoint for the client improving delivery time by 80%

Utilized: Android Studio, AWS, JavaScript, HTML, PHP, Angular, React, JQuery, GIT, Agile, C++, SEO, MySQL, NodeJS

EDUCATION

Kingsville, TX **Texas A&M University** **Aug 2018 – May 2020**

Master of science in Computer Science

GPA 3.7

Amravati, MH, India **Sant Gadge Baba University** **March 2012- June 2016**

Bachelor of Engineering in computer science

GPA 3.3

ACADEMICS RESEARCH & PROJECTS

Personal Website: <http://www.meghshyam.com/> (for additional information and projects)

Machine Learning Thesis: [ECG Classification Using a Combination of Support Vector Machines \(SVM\) Link](#)

- Developed a new machine learning models to detect abnormality and to classify an ECG accurately.
- Utilized combination of multiple SVMs approach to classify ECG signals accurately which resulted in 94% accuracy
- Implemented a complete framework using Python 3.7, NumPy, SciPy, and scikit-learn

Android Barcode App: [Barcode Machine on Google Play Link](#)

- Developed an android application using Java and SQLite that allows user to create and scan barcodes easily
- Integrated OpenCV library to perform scanning and generation of barcodes effortlessly
- Published application into google play store as Barcode Machine and monetized with google AdMob

Android Sports App: <https://github.com/Meghshyams/SportsApp>

- Developed an android application to track the sports using Retrofit REST API to fetch a data into the application.
- Application is build using MVVM architecture, intregated Google Analytics to track the application usage.

Jobs Portal Website: <http://www.jobsliv.com/>

- Build a job search website using WordPress and AWS that help user to find jobs in India
- Added a social media login button using JavaScript and JSON to ease log in and signup process
- Integrated google webmaster to optimized visibility in google search and used google analytic to observer user's behavior.

SKILLS

Languages:(proficient) C++, Python, Java, SQL, HTML, JavaScript, TypeScript, Android, PHP, CSS (familiar)-Kotlin, ASP.Net, C#

Frameworks & Libraries:(proficient) Angular, React, JQuery, NgRX, RxJS, RxJava, Retrofit (familiar)-Bootstrap, Vue.js, NumPy

Technologies: (proficient) Linux OS, LAMP Stack, NodeJS, REST API, Firebase, SEO, Git (familiar)- AWS, Jenkins, Docker, Jira