POOVAI M CHANDRASEKARAN

Pittsburgh, PA 15220 | (551) 689-1003 | poovai.c@gmail.com | LinkedIn

Analytical and efficient Software Professional trained in Front end and Backend technologies with the ability to be proactive, anticipate needs and aide the software development process. Experienced in Requirements Analysis alongside various stakeholders and providing business solutions for them. Proven to apply transferable skills in different areas.

SKILLS

- Programming Languages: JavaScript, HTML5, CSS3
- Github, MongoDB,Mongoose,Node JS
- React.js
- MS Office 2013

- Cross-functional communication/Training
- Strategic planning
- Requirements Analysis
- Protocol Implementation for Auditing
- Client Relationship Management

EDUCATION

Per Scholas | **Software Engineer** | Pittsburgh, PA   Aug2022

Loyola Institute of Business Admin | **PG in Management (HR)** | Chennai, India (Dean's List)   April 2014

Anna University | **Bachelor of Engineering(Biomedical)** | Chennai, India (Dean's List)   May 2010

PROJECTS

MERN STACK BLOG - A full stack Blog App where a user can perform CRUD on blogs with Authentication & Authorization.
Technologies - *Javascript, HTML5,API,Git,Node JS, Mongo DB, Express, Node JS,npm and CSS3*

TRIVIA GAME - Single player quiz game inspired by 'Who wants to be a Millionaire'. Individual Project. Utilizes API calls(Open Trivia DB) to get quiz questions and options.
Technologies - *Javascript, HTML5,API,Git,Node JS, npm and CSS3*

WHAT'S IN MY FRIDGE?- A React App which helps people find recipes for the ingredients that they have. Individual Project. The App uses API calls to the Spoonacular Database to retrieve recipes that match user's search input.
Technologies - *Javascript, React.js, API Calls, Git, Github,npm and CSS3*

KIBPIX - An entertainment App which will display popular Movies and TV Shows. A user will also be able to search for particular titles. It is a group project.
Technologies - *Javascript, React.js, API Calls, Git, Github, npm and CSS3*

WORK HISTORY

Biomedical Engineer | Sri Ramachandra Hospital - Chennai, India   August 2010 to April 2012

Resident Engineer for Biomedical Equipments in Operating Rooms and Intensive Care Units. Responsibilities included attending to emergency machine breakdowns, routine equipment maintenance, vendor management, Training and Development etc.

Accomplishments:

- *Cut down purchase costs by 25%.* Established strong relationships with teams from various companies and was in-charge of maintaining inventory and procuring spare parts.
- *Standard Operating Protocol.* Created the SOP on Proper Handling of Biomedical Equipments for more than 1000 equipments; *reduced equipment failure by 20%.*
- *Reduced equipment downtime by approximately 75%.* contributed to excellent healthcare for the patients.
- *Lecturer.* Multi-tasked Engineering responsibilities along with Teaching Biomedical Instrumentation for 60 Under-Graduate students at Sri Ramachandra Medical College
- *Achieved Health Accreditations.* Maintained excellent standards for over 600 equipments during critical ISO and JCI Auditing and helped the organization to maintain accreditation status.
- *Requirements Analysis.* Collaborated with 100+ stakeholders to analyze equipments and accessories requirements of ICU's and Operating Rooms. Ensured that patient care chain was not broken by supplying ICU's and Operating Rooms with relevant spares immediately during breakdown thus *eliminating machine down-time for 50%* of equipments.
- *Inventory Management.* Created a database and maintained equipment inventory of over 600 equipments along with their accessories.
- *Training*: Created Training content for more than 10 Biomedical Equipments and conducted several training sessions for Medical Personnel/Support Staff.

──────────────── **VOLUNTEERING / INTERNSHIP** ────────────────

Volunteering

American Red Cross | **Volunteer Recruiter (HR) -** Pittsburgh, PA   September   2020 to December 2021
Volunteered in the HR Team to assist with their recruitment processes.

Accomplishments:

- **Created a database** of about 1000 non-profit organizations across Western PA, to promote the Redcross Mission.
- Posted and managed around 20 volunteer opportunities on indeed.com

Internship

Larsen & Toubro Ltd. | **Learning & Development Intern -** Chennai, India September 2013 to October 2013
Analyzing the effectiveness of Employee Safety Training

Accomplishments:

- Successfully built database of employee feedback of in-house training program
- Assisted the Training and Development team in Data analysis and reporting the findings that their Training program was effective in *reducing workplace accidents.*