

ACHU ANNA ANTONY

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TECHNICAL SKILLS:

Languages: JavaScript (**React JS, Node JS, Redux**, React Native), **Typescript**, HTML, CSS, SQL

Tools/APIs: Visual Studio Code, Twilio Conversations API, Sendgrid, Bootstrap, Github, MS Office, Xcode, Android Studio

Operating Systems: Linux, macOS, Windows

Other Skills: AWS Lambda, MySQL

EXPERIENCE:

Career Hiatus

(Aug 2023 – Present)

Transitioning out of voluntary two years career break to have a child

- Pursuing **Google Project Management Certification** (in progress).
- Exploring **entrepreneurial opportunities** by ideating and validating a startup concept in the AI for social good space.
- Maintaining and expanding technical skills in **React, TypeScript, Node.js, and modern web technologies** through continuous learning and side projects.

Junior Full Stack Engineer

Twigoh, CA(Remote)

(April 2022 – Aug 2023)

- Full-stack Engineer focused on Next Js - **React Typescript, Tailwind css** and **Node Js**
- Created **card list** in React Typescript
- Created some frontend functionalities like **carousel, pop up modal and responsiveness**.
- Combined various components into a single page.
- Used Node Js to create **API**
- Worked on messaging app, navigation, search modal, card carousels, cards list etc in **React Typescript**.
- Worked on ratings screen and media upload screen in **React Native**.
- Participated in status meetings, strong reporting, and effective communication with developers with the help of **Agile Methodology**
- Working on the mobile side(**React Native**).
- Worked on **Git Repositories**
- Lead a team of 7 with responsibilities- assign tickets, review code, clarify doubts, documenting

Full Stack Engineer Intern(Remote)

Jasper Financial, NY(Remote)

(Jan 2021 – Jul 2021)

- Full-stack intern position focused on **React js** and **Node Js**
- Created a messaging app in React js
- Used Node js to create **API**
- Used **Twilio Conversations API** and **Sendgrid API** for the project
- Created **JWT token** in node js for message app
- Used **AWS Lambda functions** and **API gateways** for the project
- Participated in daily status meetings, strong reporting, and effective communication with the project manager and developers with the help of **Agile Methodology**
- Created **User Stories** and **System Design** for messaging app
- Used **MySQL** for the database in **Node Js**.
- Created tables and used **SQL queries**

- Worked on **Git Repositories**.

Frontend Developer Trainee

Pro-Tek, San Jose, CA

(Apr 2020 –Dec 2020)

- Frontend Trainee with areas covered in **HTML5, CSS3, JavaScript** and **React JS**
- Worked with the project on the basis of **Scrum methodology**
- Created **React Bootstrap Modal** for Sign-In
- Created form elements like Dropdown with **CSS styling** preferred.
- Created a **React Carousel** for the project.

Solutions Engineer (contract)

Workday, Redwood City, CA

(Nov 2019 – Mar 2020)

- Worked on a project for Workday, site and site pages updated from old instance to new instance.
- Worked on **HTML** and **CSS** codes for updating the page content of sites.
- Performed **Manual Testing**.
- Participated in daily status meetings, strong reporting, and effective communication with the project manager with the help of Agile Methodology and SCRUM process.

Software QA Engineer Intern

Spanidea, Milpitas, CA

(May 2019 – Oct 2019)

- Analyzed **TR-398** documentation and checked for accuracy of various parameters like throughput, range, stability, and sensitivity of Wi-Fi
- Performed Manual Testing of Wi-Fi by creating testbed with **Cisco router(DUT)** and Laptop (STA) to check for throughput
- Designed test cases using **python** and automated the scripts using **Jenkins Continuous Integration Tool**
- Developed test document with the test plan, test scenario, test results and used **Git repository** for source control

Software Development Engineer Intern

UST Global, India

(May 2017 – July 2017)

- Worked on a project to secure the Trade Finance Platform using **Blockchain Technology**
- A **smart contract** is created that directly controls the transfer of digital currencies and secure transmission between two parties in blockchain technology
- Used **Ethereum framework** for coding blockchain, wrote a “smart contract” in **solidity** which is of .sol file format, **HTML/CSS/JavaScript** in the **bootstrap tool kit** is used for front end and **Web3js** library is used as an interface between Javascript and Solidity

OTHER PROJECTS:

- **MEDQR Application** – Designed and implemented **web application (PHP)** with the support of **bootstrap toolkit** and **android application** which helps the user to search nearby medical shops that have got prescribed tablets.
- **iBES** : Designed a **web application(PHP)** with **Javascript** validation that helps passengers to search for bus routes and timings.
- **Enhanced Mobile Ad-hoc Routing Technique based on Reduction in Packet Loss** – Implemented a new route retrieval called node density method based on **AODV** in **MANET**(Ad-hoc technique).
- **MED_BSN** – **IoT-based** project that has various **body sensors** connected to **Arduino board** and the readings are coded in **Embedded C** in **Arduino IDE**. **Raspberry Pi** is used as a processor to use the real-time sensor values to send to the **android** mobile.

EDUCATION:

Master of Technology in Computer Science and Engineering

(A. P. J. Abdul Kalam Technological University, India, Kerala)

Bachelor of Technology in Computer Science and Engineering
(Mahatma Gandhi University, India, Kerala)