

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)