Aaron Saji Alexander

ASPIRING SOFTWARE ENGINEER

CONTACT

P +91 7200687207

E aarooni2018@gmail.com

A Plot no. 215, 27th Street
J.B.Estate, Avadi
Chennai-600054

EDUCATION

**B.E in Computer Science Engineering
2020 - Present**

*Loyola-ICAM College of
Engineering and Technology
(LICET)   8.66
CGPA*

**Class XII (CBSE)
2018-2020**

*R.M.K Senior Secondary School,
Thiruverkadu   89.9%*

SUMMARY

A curious engineer who loves exploring new ideas and learning new concepts.

WORK EXPERIENCE

Software Engineer Intern (On-Site)
DTCC

05/2023 - 07/2023   Chennai

- Worked in the backend to enable batch processing as well as create a couple of REST endpoints for the project Real-Time Trade Matching (RTTM).
- Used Spring Framework, Quartz Scheduler, PL/SQL, BitBucket, JMeter
- *Contact: Chandramouli   - cmuralidaran@dtcc.com*

WebDev Intern (Remote)
SpaceScan ltd

09/2022 - 02/2023   Canada

- Created API endpoints using Swagger and Redis
- Created a React component to convert currency values less than 0.0001 XCH to Mojos across the website.
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- *Contact: Ajay Benadict   - ajay@spacecan.io*

PERSONAL PROJECTS

Smart Basket (3/2022 - 4/2022)

- This website is built using HTML, CSS, PHP, and SQL for a database. It serves as a platform for people to donate food, clothes, and other items. NGOs can then collect the donations and distribute them to those in need. Ad revenue covers transportation costs, which donors must watch.

Notes Website (5/2021)

- A simple notes website made using React, Firebase for database and hosted using Vercel where users can add, delete and view notes that they've created.

Project Pager (02/2022)

- A pager device that uses wifi to communicate with server connected in the same network. A pager device consists of an ESP32, Buzzer, LED, (128x64)OLED screen, battery and two buttons.

LAMS (Discord Bot) (11/2022)

- This is a simple discord bot using python (coded in online IDE called Repl.it) that replies to certain messages in the server channel and also send images and encouragement quotes . the bot is monitored using Uptime robot which monitors it every 5 minutes.

SKILLS

Java	C
Python	Kotlin
Javascript	Arduino
ESP32	HTML
CSS	React.js
REST API	PHP
Spring Framework	Quartz

ACHIEVEMENTS

- **Top 5 finish in IIT Goa CTF**
  A CTF competition that includes Forensics, Web Exploitation, Cryptography, OSINT, and Reverse Engineering.

- **Technoteen Winner (LICET)**

A competition in which we had to provide a solution to the problem statement and engineer that solution into a reality.

- **Finalists in IIT-Delhi Hackathon**

One of the top 9 finalists in the 404 Resolved 2022 Kaizen '22 hackathon organized by NSS IIT Delhi

CERTIFICATES

Android Basics in Kotlin - Google Developers

SQL Basics - SkillRack

Python 3.x - Programming Course (Hands-On)

C - Programming Course (Hands-On)

Introduction to Machine Learning - NPTEL

Hands-On Penetration Testing with Metasploit - Infosys SpringBoard

LANGUAGES

English
Native or Bilingual Proficiency

Tamil
Professional Working Proficiency

Malayalam
Limited Working Proficiency

Hindi
Limited Working Proficiency

SOFT SKILLS

- Team Player
- Multitasking
- Time Management