

John Samuel meshach

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HackerRank

Account: www.hackerrank.com/profile/ajohnsm2020



OVERVIEW

Organised, enthusiastic and goal-driven individual with a bent towards learning new technologies. Passionate with programming in Java and SQL . Interested in App development Software using unique Design styles. Enthusiastic and currently learning about AWS Cloud Technology.

EDUCATION

Panimalar Engineering College

BE -Electronics and communication Engineering

2021 to 2025- 8.66 CGPA (up to 6th semester)

The Little flower mrt. hr. sec. school

12th Std. Tamil Nadu state board

completed in 2021

with 91.13%

10th Std. Tamil Nadu state board

completed in 2019

with 91.4%

SKILLS

Languages:

Java ,Sql , front end
development(JavaScript, HTML, Css).

DBMS:

MySQL

Technology:

AWS Cloud

Tools:

EDA tool, STM32 microcontroller ,Q flow

Others:

Front end developer, , Design Patterns

VLSI physical Design.

Interpersonal skills:

Leadership, Public Speaking ,Team
collaboration, concise Communication
and presentation skills, conflict resolution

CERTIFICATIONS

tcs ion TCS ion Certified Cloud computing in Amazon Web Services

futureskills prime Data Science for Beginners –NASSCOM

FSP/2023/8/4268008



Java Skill Exam – code chef Certification

<https://www.codechef.com/skill-test/basic-java>



SQL Skill Exam – Code chef Certification

<https://www.codechef.com/skill-test/basic-sql>



Java basics – HackerRank Certification

<https://www.hackerrank.com/profile/ajohnsm2020>

TRAININGS



During the circuit visualization and design. We used Qspice to design a circuit and fabricated it. The advanced level of circuits has been covered during the training at Crystal clear technologies and Innovations.



I gained hands-on experience in real-time signal processing using Raspberry Pi at Retech Institute, where I developed and implemented various signal processing algorithms. This practical training enhanced my skills in programming, data analysis, and embedded systems.



I am completed my two-month Java training program at Qspiders to enhance my proficiency in Java programming. Alongside Java, but still I am improving my skills in SQL, aptitude, and English. This comprehensive training is equipping me with the necessary tools to excel in software development.

INTERNSHIPS



summer Intern – Airport Authority of india

April 2023 – May 2023

Developed skills related to Communication Navigation Surveillance / Air Traffic Management (CNS/ATM) services and finally a detailed report has been submitted related to CTX 9,800 high speed explosives detection system.



Project intern – Maven silicon

April 2024-june 2024

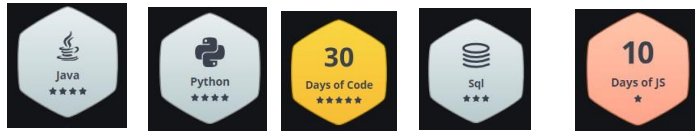
Developed skills related to VLSI physical design and by using Qflow and EDA tools the development of RTL netlist and layout has been completed during the intern.

ACHIEVEMENTS

PECTEAM 2K23 – Paper Presentation in Conference

Scopus paper published (Hybrid beamforming using 5G – 5G Antenna)

HackerRank Badges:



Oracle Badges:



AWS badges:



Github badge:



postman badge:



Microsoft-Azure :



VOLUNTEERING



Design club–Panimalar Engineering college

Mar 2023 – Present

Member of the college Design club . In designing many design for the college.

”take on the responsibility to grow their club membership, host events, and support local initiatives”



Club member – AWS Club

July 2024 – Present

Membership at “AWS Club” inside the College Campus and supporting it. I participated cloud related events and weekly Meetups to discuss current technological advancements..

PROJECTS

1) Smart India Hackathon Project: Vehicle Fleet Performance Monitoring System:

TCP Units: Java: Implemented backend services and data processing algorithms.

Cloud Computing: SQL: Managed database operations for storing and retrieving vehicle performance data

- **JavaScript:** Created front-end interfaces for real-time data visualization and reporting.

Embedded Systems: Embedded C/C++: Programmed microcontrollers for data collection and transmission.

Data Analytics: Python: Developed data analytics and visualization tools.

Communication Protocols: Ensure secure and reliable data transmission between vehicles and the cloud.

2) Online-Auction-System:

An interactive and responsive auction system where users can seamlessly list products, place real-time bids, and track auction statistics. The platform initially operates on the client side using Local Storage, and progressively integrates a backend system using Oracle DB, JDBC, and Java 21 features.

3) Online Food Ordering System:

An backend system developed with JAVA where it is getting the real-time input given by the user and it gets store in the DB. The DB used here is MYSQL where the backend connected with it by JDBC.

4) Ecommerce Website:

It is an Ecommerce site where it is integrated with front and backend using spring-Boot the techniques used are pagination, sign In & sign Out, DB-Update, Order & payment Update, spring security with spring cloud and all the service divided into multiple microservices.