

Sam Jonath

Full stack web developer

I'm an enthusiastic graduate with a passion for coding and creativity, particularly in web development and machine learning. I excelled in science, mathematics, and social studies during my academic journey, but coding is where my heart truly belongs. To me, coding is an art, a way to bring ideas to life, and I believe it's the language of the future. I'm excited to be part of the journey of innovation and problem-solving that coding offers.



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EDUCATION

B.Tech (electrical and computer engineering)

Amrita Vishwa Vidyapeetham University

06/2019 - 06/2023

8.35

WORK EXPERIENCE

Full-Stack Developer

ABInBev GCC

02/2023 - 07/2023

Bangalore, India

- MALT - Financial Reconciliation tool which will help in managing Ambiguity in the Financial Data.
- Thrived in an Agile development environment, fostering seamless collaboration with a team of skilled developers.
- Demonstrated a strong sense of ownership by crafting end-to-end optimal solutions, always with a keen eye on long-term sustainability and success.
- Proficiently skilled in a range of technologies, including React.js, Flask, Node.js, SQL, and expertly utilized Mantine/Material UI, Postman, and Azure DevOps to streamline the development process.

National Finalist

Honeywell BCIC hackathon

09/2022 - 11/2022

- Secured Second position in inter University competition Across India.
- This consists of Two phases:
- 1. Ideation: come up with a social problem according to the general problem statements given.
- 2. Implementation: create a real-time web app/ solution for the problem statement.

Machine Learning and Data Analysis Intern

Feynn Labs

03/2022 - 05/2022

- AI product/Service Prototyping - Built a Diet Recommendation Model, Creates a Diet plan according to the user's Requirement.
- Market segmentation using machine Learning and data-Analysis.
- Worked on Machine Learning models, selenium for web Scraping and Data annotation.

SKILLS

C/C++

Python

JavaScript

HTML+CSS

Java

SQL

React.js

Node.js

Flask

Django

GitHub

AzureDevops

Selenium

Machine Learning

DSA

TensorFlow

Pandas/Numpy

Hadoop

PERSONAL PROJECTS

Web App for Ambulance System(AidWiser)

(09/2022 - 11/2022)

- A seamless platform connecting patients, ambulance drivers, and hospitals with Instant Ambulance Requests, Quick response with a single button press for patients in need.
- Detection: Detect location and predict seriousness of situation using NLP.
- Analysis and predict: analyze factors like Weather, traffic conditions, roadblocks using API and look into Ambulance Availability, ALS/BLS, Optimal average speed, Availability of emergency theatres, Doctors.
- Alerting: assign patients to ambulance and hospitals and alert the user.
- Technology Used: Python, Django, Bootstrap, ML models, NLP, Open weather and TomTom API.

Smart Attendance System (05/2022 - 06/2022)

- A working prototype of using raspberry pi and ML model trained to Detect and Match faces.
- Uses Complex Machine Learning Model using CNN to detect faces.
- A Client - server connection between raspberry-pi(hardware for camera saving in cloud) and system (ML model using Haar Cascade CNN model), implementing a small scale Computer Network.
- Technology Used: Machine Learning, Socket programming, Raspberry pi, IOT, computer Network.

ACHIEVEMENTS

Second position Honeywell BCIC hackathon

Secured Second position in inter University competition Across India using Aid Wiser - a web App which digitizes the ambulance system (Machine learning/ web development)

ICPC Competitive coding

Ranked in Top 30 during 2021 - competitive coding using C++ STL .

ICPC Competitive coding

Ranked Top 100 during 2019 - competitive coding using Python