

Zarak Jahan

Coimbatore, Tamil Nadu

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EDUCATION

Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu <i>Masters of Technology in Artificial Intelligence Engineering</i> Current CGPA:	2023 - Current
Sharda University, Greater Noida, Uttar Pradesh <i>Bachelor's of Technology in Computer Science & Technology with Specialization in AI&ML</i> CGPA: 8.67	2019 - 2023

PROJECTS

Cloud Native System Monitoring Application on Kubernetes
Developed a system monitoring application using Python with Flask and organized it into categories using Docker containers. Additionally, utilized the Python BOTO 3 module to establish an Amazon Elastic Container Registry (ECR). Furthermore, set up Elastic Kubernetes Cluster and successfully deployed the aforementioned application onto it.

Technical Skills used - Python, Flask, Dockers, Amazon ECR, Amazon EKS.

Spotify Clone

Developed a web-based Spotify clone.

Technical Skills Used - HTML, CSS, JavaScript

Peer-to-Peer Self-Driving Car Rental System

Developing an Android application for auto rentals that enables users to post and rent vehicles.

Technical Skills used - FlutterFlow, Flutter, Firebase, VScode, Android Studio

World Coin Currency Detection Using Deep Learning

Developed a deep learning model to identify and recognise coins from various nations. The Dataset was acquired from the internet.

Technical Skills Used - Python, Machine learning Algorithm - CNN and MobileNetV2

TRAINING

Summer Internship Training on C++ and Object Oriented Programming	2023
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PUBLICATIONS

Deep Learning Based World Coin Currency Detection https://doi.org/10.1007/978-981-99-1620-7_35	2022 - 2022
Peer-to-Peer Self-Driving Car Rental: A Case Study on the Development and Limitations of a Novel Transport System https://ieeexplore.ieee.org/document/10112328	2023 - 2023
SERIGO: Development and Implementation of a Peer-to-Peer Self-Driving Car Rental App Using Flutter Framework http://www.ijpe-online.com/EN/10.23940/ijpe.23.03.p1.155166	2023 - 2023

SKILLS

Technical Skills	C++, Python, Java, HTML, CSS, JavaScript, Machine Learning, Word, Excel, Powerpoint, FlutterFlow, Flutter, Firebase, ReactJS, Git, GitHub, UI/UX designing, DevOps
Soft Skills	Collaboration, Motivation, Independent, Teamwork, Leadership, Project Management, Communication, Prioritization, Multitasking, Influential.