Sadashay Kanungo

sadashay01@gmail.com | +91 8178849236

EDUCATION

BITS PILANI, K K BIRLA GOA CAMPUS

B.E. COMPUTER SCIENCE WITH M.SC. ECONOMICS

Jun 2024   CGPA : 8.01

LINKS

Github:// **SadashayKanungo**

LinkedIn:// **sadashay-kanungo**

Medium:// **@sadashay**

SKILLS

FULL STACK WEB

AWS • MongoDB • ExpressJS • React • Node.js • Flask • FastAPI • GraphQL • Mocha • ElasticSearch

BLOCKCHAIN

Smart Contracts • NFTs • Ethereum • EthersJS • Hardhat • Truffle • TheGraphNetwork

PROGRAMMING

Typescript • Javascript • Python • C++ • Java • Scala • Solidity

POSITIONS OF RESPONSIBILITY

TEACHING ASSISSTANT

ARTIFICIAL INTELLIGENCE

Department of Computer Science, BITS Goa

Jan 2023 - May 2023

TEACHING ASSISSTANT

COMPUTER PROGRAMMING

Department of Computer Science, BITS Goa

May 2022 - August 2022

LITERARY HEAD

Abhivyakti, BITS Goa

April 2021 - April 2022

STUDENT MENTOR

Peer Mentorship Program, BITS Goa

August 2020 - May 2021

EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER INTERN

AWS • Scala • Java • Typescript   Jul 2023 – Present

- Contributed to the migration of **Sherlock - Financial Reconciliation framework** to **SOX compliant** architecture. Utilized AWS EMR, Athena and DynamoDB.
- Increased the compatibility of **Watson - Reconciliation Monitoring and Reporting solution** by implementing improvements in AWS Lambda function.
- Integrated an API service into **Watson**, eliminating the need for extra hardware and **reducing IMR costs** by $120 per month.
- Set up automated data reporting using **AWS Quicksight Dashboards** with interactive filtering interfaces for better insights.

GOOGLE SUMMER OF CODE | CONTRIBUTOR   BLOG ↗ LINK ↗

Typescript • Node.js • EthersJS • Mocha   June 2022 – Sep 2022

- Designed and developed **NFT-Toolbox**, a new NPM package providing simplified functionalities for NFT Creation and Monetization.
- Written in **Typescript**, Web3 functionality developed using **EthersJS**, Unit Testing implemented with **Mocha** and **Sinon**.
- Published comprehensive Documentation and made a Landing Page with **Docusaurus**.

W3DEV PVT. LTD. | BLOCKCHAIN DEVELOPMENT INTERN

Ethereum • Solidity • GraphQL   Dec 2021 – Jan 2022

- Created and deployed Smart Contracts for an **NFT Marketplace** in **Solidity**.
- Set up **GraphQL** enabled database for On-Chain data of NFT Marketplace using **The Graph Network**.
- Researched and analyzed various Blockchain platforms, DeFi exchanges, Market places and solutions.

PLATIFI SOLUTIONS | SOFTWARE DEVELOPMENT INTERN

MERN Stack • ElasticSearch   May 2021 – July 2021

- Led team of 6 interns to design and develop a **Covid-Tracker** with **MERN stack**.
- Designed and developed a Movie-App to demonstrate **Autocomplete** functionality for using **ElasticSearch**.

PROJECTS

ELEPHANT.AI | GENERATIVE AI, CHATBOTS   LOR ↗ LINK ↗

OpenAI • Flask • MongoDB • React   April 2023 – May 2023

- No-code platform to create **GPT-powered chatbots** for any website.
- Generative AI functionality implemented with **OpenAI** and **Pinecone**. Platform developed with **Flask** and **MongoDB**. Chatbots created using **React**.

MAKEUP VERIFICATION SYSTEM | BLOCKCHAIN   CODE ↗ LINK ↗

Python • FastAPI   Sep 2022 – Dec 2022

- A robust system for **verification of Medical documents** submitted by students to avail Makeups for missed examinations.
- Implemented **Blockchain for scratch** with **Python** and **FastAPI**.

CHAT APP | WEB SOCKETS   CODE ↗ LINK ↗

Node.js • Socket.io   Sep 2022 – Dec 2022

- A Simplistic Live **Chatting Application**, with support for **multiple concurrent chat rooms**.
- Developed with Socket.io and Node.js.