

# Sreeniketh Madgula

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## EDUCATION

### Dayananada Sagar College of Engineering

Bachelor of Engineering - Information Science and Engineering - **8.69 GPA**

Bangalore, India

Aug 2019-Jul 2023 (Expected)

### The Oxford Senior Secondary School

Secured **90.4%** in Class 12 CBSE

Bangalore, India

May 2019

## SKILLS

**Languages:** Python, Java, C++, JavaScript, Solidity, SQL, Bash

**Frameworks:** Java Spring and Spring Boot, Django, Bottle, Express.js

**Technologies:** Linux, AWS, GCP, Azure, Apache Kafka, MongoDB, PostgreSQL, Blockchain, Docker

## WORK EXPERIENCE

### HealthXOXO - Backend Developer Intern

Sep 2022 - present

- Worked on setting up the **PostgreSQL** database and **Django** codebase.
- Built RESTful APIs for database CRUD operations. Devised the data model for the application, worked on authentication, validators and permissions.
- Set up **Gunicorn WSGI** and deployed the Django application and using **AWS Elastic Beanstalk**.

### Google Summer of Code - AOSSIE - Student Contributor Intern

Jun 2022 - Sep 2022

- Refined the architecture of the **Solidity** smart contracts to increase extensibility by integrating **SOLID design principles**.
- The dApp is a decentralized electoral system that works on the **Ethereum** blockchain network. Implemented multiple voting systems like rank voting and score voting.

### Brane Enterprises Pvt Ltd (nslhub) - Backend Developer Intern

Jun 2021 - Dec 2021

- Worked on enhancements using **Spring Framework** and **Spring Boot** and built RESTful APIs.
- Used **Apache Kafka** for stream-processing to manage real-time file transfer for an SFTP adapter.
- Built an XML parser feature by defining implementations of an existing interface.

## ACHIEVEMENTS

### ETHIndia Hackathon

Won Track Prize (StackOS). International Hackathon. Devfolio

Bangalore, India

Dec 2022

### CentuRITon Hackathon (M S Ramaiah Institute of Technology)

Secured **1st Place**. National Level Hackathon. Devfolio, MLH

Bangalore, India

Nov 2022

### Smart India Hackathon (PDEU)

Reached the finals of one of the biggest national level hackathons

Gujarat, India

Aug 2022

### YEAH - Yet Another Hackathon (DSCE)

Secured **1st Place**. National Level Hackathon by Devfolio

Online

Jul 2021

### inGenius Hackathon (PES University)

Qualified to the final round. Top 10

Bangalore, India

Dec 2019

## PROJECTS

- GuNFT** (Tech: Unity, Solidity, React.js) - [website link](#) Nov 2022  
Multiplier first-person shooter game with custom gun modifications. Each unique modification is minted as an NFT. All NFTs are minted, bought and sold on the NFT marketplace website. CentuRITon submission: [here](#).
- SIH-NDRF** (Tech: Django, Solidity, React.js, Twitter API, Sentiment Analysis) - [project link](#) Aug 2022  
Web platform for NDRF to monitor and resolve incidents during disasters. Filing an incident triggers an Incident Response System (IRS of NDMA) pipeline. Live data is fetched from trusted Govt. entities like MOSDAC.
- YouTube Transcript Summarizer** (Tech: Bottle, NLP, BART model) - [project link](#) Jul 2022  
Web app that summarizes YouTube videos extractively using a BART summarizer pipeline on huggingface. Transcript of a video is extracted using youtube transcript API through video link which is summarized.