

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, JavaScript, Bash, C++, SQL

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

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

WORK EXPERIENCE

HealthXOXO - Backend Developer Intern

Sep 2022 - present

Technologies: Python, Django(DRF,ORM), FastAPI, PostgreSQL, AWS, Gunicorn

- Developed RESTful APIs and worked on authentication and authorization for resources
- Built scalable services for booking doctor appointments, ordering medicines and worked on integrating a symptom analysis service
- Designed the data model and architecture, worked on setting up the infrastructure for the application, and worked on hosting and setting up self-service deployment

Google Summer of Code - AOSSIE - Contributor

Jun 2022 - Sep 2022

Technologies: Solidity, JavaScript, Ethereum

- Worked on the Agora Blockchain project: a decentralized electoral system app that works on the Ethereum blockchain network. ([Link to work](#))
- Refined the architecture of the Solidity smart contracts to increase extensibility by integrating SOLID design principles. Built abstractions for ballot and result calculators and implemented multiple voting systems like rank voting and score voting.

Brane Enterprises Pvt Ltd (nslhub) - Backend Developer Intern

Jun 2021 - Dec 2021

Technologies: Java, Spring Framework, Spring Boot, Apache Kafka, Azure

- Worked on the PaaS team and building features for the low-code/no-code platform. Built RESTful APIs, wrote unit tests and worked on enhancements.
- Built an XML parser for a feature to extract solutions from documents stored at an SFTP server.

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

Yet Another Hackathon (YEAH) (DSCE)

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

Online

Jul 2021

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.