

# Sreeniketh Madgula

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## EDUCATION

### Dayananada Sagar College of Engineering

Bangalore, India

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

*Aug 2019-Jul 2023*

### The Oxford Senior Secondary School

Bangalore, India

*Secured 90.4% in Class 12 CBSE*

*May 2019*

## SKILLS

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

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

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

## WORK EXPERIENCE

### jumpingMinds - Backend Developer Intern

*Mar 2023 - present*

**Technologies:** Python, Django(DRF,ORM), PostgreSQL, Redis, Celery, AWS

- Developed scalable services, managed production releases, and effectively resolved critical production bugs.
- Implemented API caching and optimized queries to improve performance and reduce latency.
- Architected and implemented international payment flows and contributed to integrating an international SMS service.

### Healthsphere - Backend Developer Intern

*Sep 2022 - Mar 2023*

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

- Developed services for diverse applications including pharmacy inventory management, doctor appointment booking, symptom-based disease prediction, and a food tracker for nutrition monitoring.
- Led the data model design, infrastructure setup, and self-service deployment for the application.

### 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; works on Ethereum. ([Link to work](#))
- Enhanced smart contract architecture by implementing SOLID design principles, optimizing extensibility.
- Developed abstracted modules for ballot and result calculators, enabling the integration of multiple voting systems such as preferential, rank, and score voting.

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

*Jun 2021 - Dec 2021*

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

- Contributed to the PaaS team, developing features for a low-code/no-code platform. Created RESTful APIs, conducted unit tests, and implemented enhancements.

## ACHIEVEMENTS

### ETHIndia Hackathon

Bangalore, India

*Won Track Prize (StackOS). International Hackathon. Devfolio*

*Dec 2022*

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

Bangalore, India

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

*Nov 2022*

### Smart India Hackathon (PDEU)

Gujarat, India

*Reached the finals of one of the biggest national level hackathons*

*Aug 2022*

### Yet Another Hackathon (YEAH) (DSCE)

Online

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

*Jul 2021*

## PROJECTS

- **GuNFT** (Tech: Unity, Solidity, React.js) - [website link](#) *Nov 2022*  
Created a multiplayer FPS game with customizable gun modifications utilizing NFT technology for minting and trading on an integrated marketplace. CentuRITon submission: [here](#).
- **SIH-NDRF** (Tech: Django, Solidity, React.js, Twitter API, Sentiment Analysis) - [project link](#) *Aug 2022*  
Developed a web platform for NDRF to monitor and address disaster incidents. Implemented an IRS pipeline for efficient resolution and integrated live data retrieval from trusted Government sources for real-time updates.
- **YouTube Transcript Summarizer** (Tech: Bottle, NLP, BART model) - [project link](#) *Jul 2022*  
Created a web app utilizing a BART summarizer pipeline on Hugging Face to extractively summarize YouTube videos. Leveraged the YouTube Transcript API to extract the video transcript from the provided link