

Sreeniketh Madgula

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EDUCATION

Dayananada Sagar College of Engineering

Bachelor of Engineering - Information Science and Engineering - 8.71 GPA

Bangalore, India

Aug 2019-Jul 2023

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, 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 - Mar2023

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

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
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