

NAGIREDDY SAI GOWTHAM

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☁️ port-folio-sage-six.vercel.app

SUMMARY

I am a passionate and skilled software developer with a strong focus on designing and developing diverse applications. Proficient in a range of programming languages and technologies, including Python, JavaScript, C++, and frameworks such as MERN stack, Django, and Flask, I consistently deliver efficient, innovative solutions. With a solid foundation in full stack development.

EXPERIENCE

Machine Learning Engineer

Andhra University

August 2024 – November 2024, Visakhapatnam

- Developed and deployed a machine learning model that improved predictive accuracy by 20%, utilizing Python, TensorFlow, and scikit-learn.
- Implemented algorithm optimization techniques that reduced processing time by 30%, enhancing overall model efficiency.
- Employed advanced data preprocessing methods to ensure high-quality input data, significantly contributing to the model's performance and reliability.

AR/VR Application Developer

Centre Of Excellence for Maritime and Ship Building

June 2023 - July 2023, Visakhapatnam

- Developed immersive AR/VR applications using Unity and Unreal Engine, boosting user engagement through innovative interactive features and seamless crossplatform functionality.
- Designed and implemented unique gameplay mechanics and environments, enhancing the overall user experience and retention rates.
- Mastered Blender software for creating detailed objects and scenery, contributing to the development of multiple applications and games with high-quality visuals.

PROJECTS

Talko-Chat

MySelf • port-folio-sage-six.vercel.app/work • May 2024 - July 2024

- Developed a real-time chat application with MERN stack and Socket.io for seamless communication between users.
- Implemented secure user authentication and message storage in the backend using MongoDB and Express.
- Enabled real-time messaging with Socket.io, ensuring low-latency message delivery and a responsive chat interface on the React frontend.

Portfolio Web-App

MySelf • port-folio-sage-six.vercel.app/ • July 2024 - October 2024

- Developed a highly dynamic and responsive portfolio website using Next.js to effectively showcase my professional profile, projects, and skills.
- Utilized Next.js's automatic code-splitting and optimization to ensure your portfolio loads quickly and provides a seamless user experience.
- My portfolio is fully responsive, adapting to various devices and screen sizes for an optimal viewing experience on both mobile and desktop.

Enclyptor

MySelf • <https://github.com/sainsg333/Enclyptor> • January 2024 - April 2024

- Developed a file encryption and decryption system using Entity-Based Encryption to secure sensitive data.
- Implemented advanced cryptographic techniques to ensure data confidentiality and integrity.
- Conducted extensive testing to validate system security and performance against potential threats.

EDUCATION

B. Tech (Honors)

GMRIT • Rajam, AndhraPradesh • 2025 • 9.08 CGPA

- Awarded Scholarship for Good Score in semester examinations.

Intermediate

Sri Chaitanya • Vijayawada, AndhraPradesh • 2021 • 93.1%

10th Standard

Sri Chaintanya • Tapeswaram, AndhraPradesh • 2019 • 10 CGPA

CERTIFICATIONS

Google cloud computing foundations and Generative AI Google • 2023

AI Foundations for Everyone Specialization (IBM) Coursera • 2023

Machine Learning Algorithms in the Real World Specialization By AMII Coursera • 2022

SKILLS

python, oops through java, reactJS, nextJS, mongodb, nodejs, expressjs, php, django, flask, cpp, sql, dbms, kotlin, html, cascading style sheet(css), javascript.

INVOLVEMENT

Technical Lead

Rajam, AndhraPradesh • CSI-GMRIT • May 2022 - Present

- Provided guidance to junior coordinators by overseeing their tasks and responsibilities, promoting effective teamwork and professional growth.
- Organized and led technical events across various domains, enhancing participants' skills and knowledge in emerging technologies.
- Successfully managed event logistics, ensuring smooth execution and fostering a collaborative environment for knowledge sharing and skill development.

GDSC Core Team Member

Rajam, AndhraPradesh • Google Developers Students Club • May 2023 - May 2024

- Coordinated multiple events focused on Google products, attracting an average of 100 participants per event.
- Delivered engaging presentations and workshops that covered various Google tools and services, enhancing attendees' understanding and usage of these products.
- Fostered collaboration and networking opportunities among participants, resulting in positive feedback and increased interest in future events.

ACHIEVEMENTS

- Awarded a scholarship of ₹10,000 by GMR Institute of technology for exceptional academic performance in B.Tech studies.