SRINIKETH J

Salem, Tamilnadu, India

📞 +91-6385685916　✉ sriniketh.offl@gmail.com　🔗 sriniketh-jayasendil　⊙ srini047

EDUCATION

PSG Institute of Technology and Applied Research	Nov 2020 – May 2024
*Electronics and Communication Engineering - **CGPA** - **8.47***	*Coimbatore, India*
Emerald Valley Public School	**2019 – 2020**
*12th - Computer Science - **Percentage** - **93.6%***	*Salem, India*
Emerald Valley Public School	**2017 – 2018**
*10th - **Percentage** - **92.6%***	*Salem, India*

EXPERIENCE

Arrcus　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Sep 2024 – Present**
Software Engineer　　　　　　　　　　　　　　　　　　　　　　　*Bengaluru, India*
- Worked on **BFD, VRRP, TWAMP** (debugging bugs & implement **RFC** features) and worked on multiple **GA**, **EFT**
- Built unit testing infra framework reducing UT time by **70%** and **improved container network** spawning support

Zoho　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Feb 2024 – Aug 2024**
Member Technical Staff　　　　　　　　　　　　　　　　　　　　　*Chennai, India*
- Coherently worked on **enhancing** the cosine similarity **compute** for large datasets and achieved **625x speed up.**
- Benchmark custom speech enhancement model against **3rd party client libraries**, and improved the metrics by **7-8%**

naas.ai　　　　　　　　　　　　　　　　　　　　　　　　　　　**Feb 2023 – Feb 2024**
Software Developer Intern　　　　　　　　　　　　　　　　　　　　*Remote*
- Extensively worked on **improving** workspace, site, and templates, the **launch** of v2-Alpha attracting **800+ users**.
- Worked on **Searchbar integration**(Algolia), **Reduce query** calls significantly(**Loadash**), develop **functional** UIs.

PROJECTS

Saliency and Profanity Detection ↗ | Python, NLP, Gradio, HuggingFace　　　　**May 2024**
- A **Voting Classifier** model that normalizes the values obtained from fine-tuned ML models for inference
- An **accurate profanity detection** to flag abusive text ans censors it, safe to consume **all age** groups.

Fusion Futurists ↗ | Python, React, Supabase, Gradio, Cohere　　　　　　　**Aug 2023**
- **Revolutionize** e-commerce with AI-driven **personalization** for trend-aligned and **futuristic** experience
- Assist users to buy products **understanding latest trends** and their buying pattern, and **improve** revenue

HackProInit ↗ | React.js, Node.js, CohereAI, Twilio, Ant Design　　　　　　**Feb 2023**
- **Reduce** the **friction** of participants' mindset to **brainstorm** ideas in spite of willingness to **build projects**
- **Help builders** to explore ideas on various domains for specific **ideas**, professional **titles**, and **description**

HackTest API | ReactJS, NodeJS, ExpressJS, MongoDB, Postman　　　　　　**Nov 2022**
- Developed **dynamic API** for fetching **up-to-date** coding contests and hackathons, **storage** using MongoDB
- Implemented **RESTful** endpoints, **optimized data** models, and validated using **Postman** for testing purposes

Parking Assistant using OpenCV | Python, OpenCV, MaskRCNN, Twilio　　　　**Aug 2021**
- **Real-time** parking slot detection system using MaskRCNN, with **instant text notifications** via Twilio
- ML model to **detect cars and available spaces**, and implemented for both **day and night** parking.

EXTRACURRICULAR

Google Developer Students Club　　　　　　　　　　　　　　　　**Jul 2022 – Jun 2023**
GDSC Lead　　　　　　　　　　　　　　　　　　　　　　　　　　*Coimbatore, India*
- **Spearheaded** and **established** on-campus initiative, **building** a community (**500+**) for tech enthusiasts.
- **Organized** and **led** engaging events and workshops focused on **Google technologies**, empowering fellows.

TECHNICAL SKILLS

Programming Languages: C/C++, Python, JavaScript
Tools & Technologies: Linux, Docker, ReactJS, Postman, RAG, LLMs, APIs, Networking, Tableau