

SRINIKETH J

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EDUCATION

PSG Institute of Technology and Applied Research

Nov 2020 – May 2024

Electronics and Communication Engineering - **CGPA - 8.57**

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

- Fixed various bugs and new features to **LDP, VRRP, MPLSOAM**, etc and worked on **multiple GAs** and releases
- Built testing infra framework that reduced UT time by **70%** and benchmarked **tcalloc** (**30%**) the primary allocator

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** that normalizes the values obtained from fine-tuned ML models producing best results.
- An **accurate profanity detection** to flag abusive text and 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, APIs

Nov 2022

- Get** details of coding and hackathon platforms and constantly **updates** new ones and **removes** expired ones.
- All essential **requirements** of APIs, schema, and request methods were taken into consideration and built.

Parking Assistant using OpenCV [🔗](#) | Python, OpenCV, MaskRCNN, Twilio

Aug 2021

- 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**.

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

Tools & Languages: C/C++, Python, Linux, JavaScript

Skills/Technologies: PyTorch, Tensorflow, ReactJS, Postman, RAG, LLM, Docker, NodeJS, Git, APIs