Sai Adarsh S

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October 29, 1999

LeetCode: sai-adarsh – **HackerRank:** sai-adarsh

Coimbatore, India

EXPERIENCE

Indian Institute Technology, Madras — Chennai, India

*https://www.iitm.ac.in - **Software Engineering Intern*** — *June 2020 - November 2020*

- **Engineering Team**: Single handedly re-architectured brain section viewer and improved the application by increasing the throughput by 80% that clocks 1000+ internal API calls concurrently to existing Django server. Added 25+ new features/improvements to existing section viewer's code base.
- **DevOps Team**: Shipped the application to stakeholders at **www.cshl.edu - USA** ⬀
- **Tech:**: Angular, React.js, MongoDB, Firebase, Openlayers, Jira, AWS.

Guvi Geeks Networks — Chennai, India

*https://www.guvi.in - **Software Engineering Intern*** — *May 2019 - June 2019*

- **Product Engineering**: Part of product team at Guvi Geeks that built a HackerRank-like platform - CodeKata that saw 13% increase in sales lift taking the users size to 1M+ after the revamp.
- **Work**: Live project at https://www.guvi.in/code-kata ⬀

Uber Engineering — Remote

*https://eng.uber.com/ - **Open Source Contributor*** — *May 2019 - June 2019*

- **Ludwig**: Worked on frontend components at Ludwig: a no-code toolbox to train and evaluate DL models.
- **Work**: Live project at https://ludwig-ai.github.io/ludwig-docs/ ⬀

Cloud Native Computing Foundation — Remote

*https://kubernetes.io - **Special Interest Groups*** — *Dec 2018 - Dec 2019*

- **Kubernetes Python Client**: Merged files that fixes setup issues with Kubernetes official python client library.
- **Kubernetes Website**: Added improvements/features to Kubernetes.io website.
- **Pull Requests**: PR links - Community. ⬀ Website. ⬀ Python. ⬀

EDUCATION

Coimbatore Institute of Technology — Coimbatore, India.

Master of Science in Software Engineering. GPA: 8.14/10 — *2017 – 2022.*

WORKS

- **Appendly**: Hackathon team with 12 plus wins across India. **Portfolio** ⬀
- **React Webapps**: React apps built for Hackathons. Tech: React, PostgreSQL, Firebase, MongoDB. **GitHub** ⬀
- **Mobile Apps**: React Native and Core Java apps built for Hackathons. **GitHub** ⬀
- **Python Boilerplates**: Flask and Django boilerplates serving ML models. Tech: Flask, GCP, Heroku. **GitHub** ⬀

HACKATHONS

- **MTX Hackolympics 2021 - Winner**: Wrapper API for AWS S3 Buckets and Google Cloud Storage.
- **Hackerspace 2020 - Winner**: Voice enabled device assistant for Visually Challenged.
- **Aarush Hackathon 2019 - Winner**: Detection of stress with accuracy using Deep Learning
- **IBM Hackathon 2019 - Winner**: Vue.js based Webapp capturing news sentiment using NLP
- **HCL Hackathon 2018 - Winner**: Solid Waste Segregation using Neural Networks embedded with Raspberry Pi
- **Top 5**: Atlassian 2021. GraVITas 2019, 2020. HSBC 2019. Honeywell 2019. Tie 2018. Global Game Jam 2018. etc.

PUBLICATIONS

- **Serverless Tinder Clone**: Featured in - HackerNews ⬀ GitHub ⬀
- **Pointer and Dynamic Memory in C++** ⬀ : Memory Management, Dynamic Memory Allocation in C++
- **Experience working with Kubernetes** ⬀ : Mentors, issues and Pull requests
- **Deploying Django App to Heroku** ⬀ : Article on deploying Django to production

PROGRAMMING SKILLS

- **Languages**: C++, Python, JavaScript, Java   **Technologies**: React.js, Docker, Angular, DevOps, AWS