Sai Adarsh S

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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 front-end components at Ludwig: a no-code toolbox used to train and evaluate Deep Learning models, by contributing fixes to issues involving assets in Ludwig's static site repository.
- **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. This batch script provides a workaround for the symbolic links by copying the folders over to root during setup.
- **Kubernetes Website**: Added UI 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 Apps**: React.js apps built for Hackathons. Tech: React, PostgreSQL, Firebase, MongoDB. **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**: Thread featured in - HackerNews ↗ GitHub ↗
- **Pointer and Dynamic Memory in C++** ↗ : Article on Dynamic Memory Allocation in C++.
- **Experience working with Kubernetes** ↗ : Article on 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