

# Sai Adarsh S

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October 29, 1999

## EXPERIENCE

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- Indian Institute Technology, Madras** Chennai, India  
*<https://www.iitm.ac.in> - Software Engineering Intern* June 2020 - November 2020
  - Engineering Team:** Single handedly re-architected 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](http://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. Tech: MERN.
  - 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 model. Contributed 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 workaround for symbolic links by copying folders over to the root during setup.
  - Kubernetes Website:** Added UI improvements/features to Kubernetes.io website.
  - Pull Requests:** PR links - [Community](#). [↗](#) [Website](#). [↗](#) [Python](#). [↗](#)

## EDUCATION

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- Coimbatore Institute of Technology** Coimbatore, India.  
*Master of Science in Software Engineering. GPA: 8.14/10* 2017 – 2022.

## WORKS

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- 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

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- 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

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- 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

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