

Raghav Sai

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EXPERIENCE

Cadre

New York

Site Reliability Engineer

JUN 2021 – PRESENT

- Upgraded entire linux fleet from Ubuntu 18.04 to 20.04, thereby improving security
- Developed an internal CLI tool in golang to allow developers to fetch temporary programmatic AWS access keys, removing the need for error-prone and time-consuming manual allocation of permanent keys
- Set up Datadog monitoring, alerts, logs and traces on all services

PowerSchool

Bengaluru

Senior Associate Software Engineer

JUN 2018 – JUL 2019

- Built REST APIs in ASP.NET/C# and MS SQL Server, front-end UI components and business logic in Angular, and wrote unit and automated tests via Agile methodologies - involved in all parts of the SDLC
- Led the discovery and fixing of memory leaks and other large bugs
- Drove the team's adoption of best practices such as the use of a linter in order to produce well-styled and readable code, via code reviews
- Streamlined Gulp tasks to improve build process, reducing our web application's average build time by 80%
- Mentored junior associate software engineers

EDUCATION

New York University

New York

Master of Science in Computer Science

SEP 2019 – MAY 2021

- GPA – 3.852 / 4
- Member of the [Secure Systems Lab](#) and contributor to the [CacheCash](#) project
- Finished coursework – Algorithms I, Intro to OS, Information Security and Privacy, Game Design, Computer Networks, Network Security, Application Security, Penetration Testing and Vulnerability Analysis, Programming Languages

Dayananda Sagar College of Engineering, VTU

Bengaluru

Bachelor of Engineering in Computer Science and Engineering

AUG 2014 – JUN 2018

- GPA – 3.44 / 4
- Founder, mentor, and organizer of the Web Development Club. I conducted weekly sessions where I taught full stack Web Development to newcomers.

PROJECTS

Chipper

Full Stack GraphQL Project - [Demo](#)

- Developed a simple twitter clone with React, Apollo GraphQL, and Node, written in TypeScript
- The backend is hosted on Heroku, the database is a Heroku PostgreSQL service, and the frontend is up on Netlify
- You can create an account, post chirps, delete chirps and delete your account. Feel free to try it out.

Just News

React Project - [Code](#)

- Built a React web app that displays news summaries in a digestible, card-like format
- Features a search bar and a news source selector that allows filtering of news articles

SKILLS

- Golang
- Terraform
- Packer
- Ansible
- Docker
- Jenkins
- Git
- React, TypeScript, NodeJS