

SATHYANARAYANAN VAITHIANATHAN

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EDUCATION

California State University

Chico, CA

MS Computer Science GPA: 3.7

Aug 2021 – Mar 2023

Currently enrolled in the second semester of my graduate program. The first semester involved programming data structures such as Trees and graphs. The current semester involves *Operating Systems, Applied Machine Learning, Computer Security and Advanced Algorithms and Complexity*.

Sastra University

Thanjavur, TN, India

Bachelors in Information Technology GPA: 3.0

May 2015 – May 2019

The course structure involved Operating Systems, DSA's, TOC, Information Storage Management and more of programming labs. Involved and led several college cultural and management teams of size 100+ which involved budget of 100,000 INR.

EXPERIENCE

Beez Innovation Labs Private Limited

Chennai, TN, India

Product Developer – Vue, Node, Mongo, Nest.JS, Containers.

Aug'20 – Jul'21

- Authored the project <https://comfile360.com>.
- The purpose of this project is to connect the company owners, the federal taxes which every company has to pay and the due dates for these taxes.
- This project had **seven major** modules and my responsibility was to develop and maintain the full stack application.

Rapid Acceleration Partners Private Limited

Chennai, TN, India

Software Engineer – React, Angular, Nest.JS, Mongo, AWS, Python

Jun'19 – Aug'20

- Owned two different projects - [A Low - Code platform](#) and an Internal application.
- The low code platform was based on **Node – Red and React**.
- It involved making huge changes to the actual node – red code base.
- The internal project involved communication with 4 different microservices involving **S3, EC2, SQS and Lambda functions** using python SDK.

Freelancer – Projects

India, USA

Full Stack Developer – Angular 8, Firebase, Nest.JS, MongoDB, Docker Containers, Celery, RQ Jun 2018 - Present

Created **three** different projects – [Simple Contacts App](#), [Social Blogging Site](#) and [AmplifyC](#)

- **Simple Contacts Web – App** – An hobby project which involved *Angular 8, Nest.JS, MongoDB, Docker Containers* to perform manage the contacts in our phonebook.
- **Social Blogging Web – App** – Client was in need to create a tourism platform which supports blogging and managing the tours. This project was developed using *Angular 8, Firebase and Ionic*
- **AmplifyC Web – App** – This project is used for managing compliance of companies incorporated with Ministry of Corporate Affairs (Government of India). This project is being used by 25 users and it's currently in testing phase. This project involved *Vue.JS, Nest.JS, MongoDB, Celery, Redis Queue and Docker Container*

PROFICIENCY

C++	Node.JS	Vue.JS	Nest.JS	DevOps	AWS – S3	AWS – Lambda
MongoDB	Docker Containers	Node – Red	Web Development.	GitOps.	AWS – SQS	AWS – EC2

ACTIVITIES

- **Humane Volunteer** – Aided students at Citrus Elementary school to complete their homework in after school program for 30 hours during Fall 2021.
- **Sparkling Asst.** – Working as a student assistant in Associated Students to assist the Sous Chef in day – to – day activities from Fall 2021.
- **Euphonious Vocalist** – Entertaining friends, family members and organizing a marriage orchestra in India