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Experience

TreasureAI

https://www.treaesureai.com - Software Engineering Intern

◦ **TreasureAI Hub**: Developing boilerplates, templates for TreasureAI Hub which includes starter projects which run on IBM platform, along with the microservices.
◦ **Hub Projects**: Published front-end, back-end, data visualization projects involving languages: **nodeJS, Python, ReasonML, Julia**.
◦ **Work**: Worked with **Docker, Kubernetes**, GitHub API, Google Custom Search API.

Project Researcher at IITM-Nirmaan:

Awarded 5Lakhs for our startup idea by TNSI-EDII and currently got incubated in NIRMAAN IIT-Madras

GitAllTech:

Backend Developer at GitallTech-E-Learning Platform,Delhi.

Google Summer of Code 2017

Envoy Proxy - Cloud Native Computing Foundation - https://www.envoyproxy.io/

◦ **Extending Envoy's fuzzing coverage** :
◦ **Mentors**: Matt Klein, Harvey Tuch, Constance Caramanolis ◦ **Work for the summer**: -

Proto fuzzing on Envoy's configuration

- Work on providing fuzzing for data plane -
HTTP2 fuzzing

Mozilla Campus Club Captain : Started a campus club from August 2018 teaching students about FOSS and open source contribution not only for Mozilla but in general will be training student groups and conducting classes on pushing contribution to open source.

Student Mentor at Rethink Passion : I'm currently doing a part-time job as a student mentor at Rethink Passion,Bangalore which is a startup that connects students from 2Tier and 3Tier cities and teach them Technology and how to survive using technology as a tool.

AIESEC IN Chennai : This is my most wonderful experience I would say, I have started my journey with AIESEC from August and its been continuously awesome after all, met lot of new people then had a great opportunity to communicate with foreign intern coming to India, my department there is Incoming Global Talent, my management and social skills developed there.

Education

Panimalar Engineering College

Anna University, Chennai

- *Bachelor of Engineering in Computer Science and Engineering; GPA: 7.45/10 2016-2020*

Works

- **SuperPrefs - HaikuArchives** : C++, Haiku API to build Haiku's Control panel for Preflets and Apps Implemented Categorization, Keyword based and localized language search, composed **Makefile** for build

- **Google Extension deployed in chrome webstore**: Wikipedia search of any popular phrase/sentance — Convertera •
  Dockerfile for deploying: JupyterLab — Jupyter notebooks with kernel: R — Julia

- **Quandl datasets visualization with Metabase** :
  Fetches time-series data from Quandl, stores in PostgreSQL, Metabase for visualizing the data.
- **FOSS Contributor**: Started contributing for FOSS Community since Jan 2018.

Technical Skills

- **IBM Call for code challenge**: Working on implementation of Blockchain Technology to transfer Asset in a decentralized network(**Technology used**: HyperLedger Fabric, Hyperledger composer, solidify).

- **Languages**: C, C++, JavaScript, Java, Python **Technologies**: Git, NodeJS, Express, Angular 4, ReactJS ,Redux, React Native,MongoDB, MySQL,Wordpress, Ionic, Gulp, Grunt Docker, Make, Metabase, Jsp, Webextinsions.

- **Relevant Coursework**: Programming and Data Structures, Full stack web development, Backend maintenance and architecture building, Algorithms, Software Engineering, Operating
  Systems, Database Management Systems, Computer Networks, Computer Architecture, Compiler Design