




SREEKARAN SRINATH

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Education

Anna University

Bachelor of Engineering in Electronics and Communication

Aug 2017 – Aug 2021

Chennai, IN

Experience

Software Engineer

Codemantra

May 2021 – Present

Remote

Software Engineer & Data Analyst Intern

SPI Edge

Jun 2020 – Feb 2021

Remote

- Designed & implemented an end-to-end system to monitor & analyze habit formation on WhatsApp using atomic habit principles & deployed the app to over **200** employees, resulting in a **50%** increase in habit streaks.
- Developed dashboards to track, analyze, & present metrics in real-time to both employees and employers.
- Mentored 15 hackathon-winning teams in turning their projects into potential start-ups.

Software Engineer Intern

RoloCRM

May – Sep 2019

Chennai, IN

- Designed, developed, tested, & deployed systems to automate lead generation & scheduling of **50,000** email campaigns.
- Used Python & Sendy to reduce effort to send out campaigns by 85% & saved nearly **5000** hours.

Skills

Languages & DBs: Python, Java, MATLAB/Octave, C, JavaScript, HTML/CSS, Bash, MongoDB, PostgreSQL

Frameworks & Tools: Flask, FastAPI, Bootstrap, TailwindCSS, Git & GitHub, Docker, Linux

Libraries: Selenium, BS4, Requests, pandas, Numpy, Matplotlib, OpenCV

Projects

AthenaML | *Deep Learning, Python, TensorFlow, Keras, Librosa, Speech Recognition*

- A Deep Learning-based system to detect and fix mispronunciations in spoken English.
- Detected mispronunciations with the help of the TIMIT dataset with an accuracy of 70% and delivered feedback.

QnA Automation Bot | *Python, Selenium, Webcrawlers, Webhooks, APIs*

- This CLI tool, given an online class link, posts a question in chat & records responses in a spreadsheet.
- Helps lecturers understand the level of comprehension of students. Acts as an easy way to mark attendance.
- Results are sent using a Discord/Slack Webhook & the Twilio API.

CertGen | *Flask, Linode, REST APIs, Python, JavaScript, Twilio*

- Built a web app to mass-generate certificates for events and mail them to participants.
- Used a REST API built in Flask to generate & email certificates. A Google AppScript was used to feed data to the API.
- Won Second Place (out of 100+ submissions) at Major League Hacking's RoboHacks Hackathon.

Community & Leadership

Mentor & Judge @ Major League Hacking

Jan 2021 – Present

TA @ Data Inspired Young Analysts' Data Science Bootcamp

Dec 2020 – Jan 2021; Jun – Jul 2021

Open-Source Project Mentor @ DevScript Winter of Code

Dec 2020 – Feb 2021

TA @ Harvard's CS50 2021 Seminars

Jan 2021

Hackathon Mentor / Judge @ MakeHarvard, TAMUhack, & 25+ other hackathons

Aug 2020 – Present

Project Co-ordinator - Hackathons & Events @ Madras Hacker Space

Aug – Dec 2020

Achievements

#1 of 4500+ teams, Wonsulting Project 2020

- Content and Research Lead for Team W4WL - raised over COL\$3.5M for education of children in Colombia.

Winner (out of 100+ teams), MLH's Impractical Hackers, CorgiHacks, SelfieHacks, Hacktoon, RoboHacks

#3 Worldwide among 65,000+ Hackers, Major League Hacking's LHD: Build