

Reejh Ghosh

Student of Engineering (B.tech), aspiring Software Engineer, always eager to learn something new.

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D.O.B 20/05/1996

EDUCATION

Vellore Institute of Technology, Vellore

B.tech IT 2019
CGPA 8.61/10

The Heritage School, Kolkata

ISC 2014 93.4%
ICSE 2012 94.5%

SKILLS

Programming Languages

Java, Python,
Javascript(Node.js)

Database

MongoDB, MySQL

Cloud Services (I have used)

Amazon AWS, Google GCP,
DigitalOcean, Heroku, Mlab

Other

Experience with development boards (Arduino and Raspberry pi)

LANGUAGES

(Out of 5 stars, Self rated,)

ENGLISH ****

HINDI ***

BENGALI **

HACKATHONS

Venturesity Hackathon,

Vellore —March, 2017 | 24hrs
Our team conceptualized and prototyped Drill at this event, I was the backend developer.

EXTRA-CURRICULAR

Former National Level Pistol & Rifle Shooter,(State level gold medalist, West Bengal

EXPERIENCE

AppSecure, Bengaluru — Software Engineering Intern (Backend)

Website: www.appsecure.in

MARCH 2017 - NOVEMBER 2017

- Appsecure is a Information Security startup, by **Anand Prakash**, security researcher and alumni of VIT.
- I was tasked with building a scanning tool - to detect vulnerable external dependencies of a project - along with a REST interface for the same.
- I designed a prototype for the same.
- Implemented the design in Node.js using MongoDB as database.
- The solution involved combining various data sources - JSON apis, Scraping web pages - and processing them.

MSR IT Solutions, Kolkata — Software Engineering Intern

Website: www.msrlimited.com

MAY 2018- JUNE 2018

- I was tasked with designing a hospitality chat-bot, as per requirement of client.
- I designed the chatbot using the **Snips** NLU library
- Implemented in Python.
- Made a REST interface for the chatbot, to enable easy integration with their Java based system.
- I also programmed easy configuration of the system, through JSON config files, since the company had little experience with python.

PROJECTS

EmoTect - An application which generates feed based on user's emotion detected via webcam. Uses OpenCV python library.

COMPONENTS Python, OpenCV, Python-falcon.

LINK <https://github.com/r4reejh/REST-emo-detect>

EnterPrint - A device which allows one to login to their desired websites using only their fingerprint. Targeted at people with visual disabilities and elderly people who have trouble remembering passwords.

COMPONENTS Node.js, Raspberry Pi, Socket.io, Chrome-extension

LINK https://github.com/r4reejh/TARP_fp_scanner

Home Monitor- A REST API which can be configured to control(ON/OFF/DIM) and monitor any electrical appliance.

COMPONENTS Node.js, Python, PySerial

LINK <https://github.com/r4reejh/REST-emo-detect>