Rupesh Harode

in: techytoes · ⍾: techytoes · rupeshharode@gmail.com · +919479768157 · Bangalore, IN

Education

Shri G.S. Institute of Technology and Science	Indore, IN
Bachelor of Engineering in Electronics and Telecommunication CGPA: 7.26/10	Grad: Jun 2019

Work Experience

SDE, Intern   **GreedyGame**   July 2019 —

- Integrated Prometheus and Grafana to monitor data and manage alerts using Go-kit toolkit.
- **Leveraged Knowledge:** Golang, Go-kit, Prometheus, Grafana.

Student Developer   **Google Summer of Code**   Apr 2018 — Aug 2018

- Improved the communication plugin by adding VRPN and QSerial protocols into the communication plugin.
- Extended Communication plugin to ensure transmission of all types of messages.
- Added tests and documentation for VRPN and QSerial protocols and enhancing the test coverage to 96%.
- **Leveraged Knowledge:** C++, QtCreator, VRPN, QSerial.

SDE, Intern   **Naxap**   Aug 2017 — Oct 2017

- Implemented web-crawlers for 15+ torrent websites to crawl information essential for the search engine.
- Extracted Data using XPath and CSS Selectors and integrated methods to bypass Cloudflare challenges.
- **Leveraged Knowledge:** Python, Scrapy, Design Patterns.

Projects   *Portfolio: techytoes.github.io*   ⍾ *github.com/techytoes*

Multiplayer Quiz ⍾

- Django based Web-application mainly focusing on API and Schema which allows users to participate in a multiplayer quiz.
- Implemented functionality like registration, login, adding question, creating game and playing game with a leaderboard to view progress of all users.
- **Used:** Python, Django, TastyPie, REST API.

Hackathon 3.0 ⍾

- Django based Web Application which shows most cleaned toilet nearby built as part of Hackathon, developed on top of GoogleMaps API.
- A real-time feedback system built using AJAX and Jquery integrated with BackEnd.
- A admin panel which displays usage statistics in the form of graph using ChartJS.
- **Used:** Python, Django, REST API, JS, Ajax, JQuery, ChartJS, Google Maps API.

Sentiment Analyzer ⍾

- Examine the sentiment in terms of polarity (positive or negative) with an accuracy of 96.18%.
- MLP to implement NN model and NLTK is used to lemmatize .txt file.
- **Used:** Python, TensorFlow, NLTK, Numpy.

Putext ⍾

- Simple text to PDF converter on Django framework using xhtml2pdf library utilizing the MVC architecture.
- **Used:** Django, Python, xHTML2PDF

Leadership Experience

Technical Lead   **Codefoster**   Aug 2016 — Feb 2019

- Codefoster is the coding club of SGSITS Indore with main purpose of nurturing the culture inside college.
- Supervised all the club activities which involves organizing coding events, workshops and internal discussions.

Skills

Languages	Python, C++, SQL
Technologies/Frameworks	Git, Django, Prometheus, Graphana, Latex
Open Source Contributions	Sofa-Framework, Rspamd, Coala