

Ritwik Sharma

- +91 8126445890
- ritwik.1204@gmail.com
- ritwik12
- ritwiksharma
- ritwik-sharma

Honors & Awards

- Earned rewards at LinkedIn for Ownership and Collaborations
- Earned Reward points at Red Hat for good and quick work
- Best minor project award out of 200 projects at ProjectExpo 2017
- Secured 1st rank among various coders in coding event "DART AND DASH" during Digital India Week

Extracurricular Activity

- Completed AI 200 (AI Academy) at LinkedIn
- Social Impact (CSR) core committee member at LinkedIn

Skills

Programming: *proficient* - Python, Java, C, C++
Others: Distributed Systems, System Design, Infrastructure, Networking, Linux, Git

Experience

[clickable](#)

- Oct 22 - Present **LinkedIn** Bangalore
Sr. Software Engineer - SRE
Site Health: Health status of different verticals such as traffic status, Issue Auditing, Loadtest Dashboard, Growth Dashboards and DB Mappings (Oracle, Espresso, Venice).
 - Leading the project with better design initiatives.**Code Review:** Owns code reviews and coding guidelines for the team.
- Mar 19 - Sep 22 **Software Engineer - SRE**
SenSus: A Deep Learning model based on the CNN, trained on top of pre-trained word vectors (Word2vec). Part of an Internal Site for Sentiment Analyses of LinkedIn related tweets.
 - Developed using Tensorflow and achieves an accuracy of 85%.**Omnibot:** A Slack bot based on Slack's Real Time Message API.
 - Developed Failout Status plugin which fetches the current traffic status of POPs (Point Of Presence) & Fabric/ Colo (Datacentre) with current QPS, Buckets count, Failout ticket & time, etc.
 - Developed Dyno Analyses plugin to get ongoing and past Dyno tests. Dyno is a platform that utilizes available load balancing technologies, including ATS and D2 to determine the current capacity capability of that instance.
- May - Aug, 18 **Red Hat, R&D** Bangalore
Software Engineering Intern
 - Worked on **Red Hat Satellite**, Developed **Satellite Log Data Analyses tool** using ELK stack for log data indexed in ElasticSearch.
 - Worked on **Red Hat Insights**, wrote rules for Satellite.

Talks & Conference Presentations

- ossna2022 **Open Source Summit North America 2022** Austin, Texas
Intellectual Cognitive Development in Artificial Intelligence

Open Source

- Google** Contributed at **Google pytype** and other repositories of **Google** GitHub
Since 2017 Collaborator and maintainer at **Up-For-Grabs** GitHub
LinkedIn Contributor at **SchoolOfSRE** GitHub
aimacode Code for the book "Artificial Intelligence: A Modern Approach" GitHub

Projects

- 2018 **Celestial bodies detection using Deep Learning** Major 1
Transfer learning with an Inception v3 architecture model using TensorFlow used to classify images from Planets, Galaxies, Satellites, Etc.
- 2017 **Virtual Assistant** Minor 1
A linux based Virtual assistant on Artificial Intelligence in C
 - Uses simplified "Multinomial Naive Bayes" algorithm for text recognition. Find restaurants in an area using Google Geocoding and Places APIs, fetch weather information of any place, play multimedia files, Search anything on Google or YouTube.

Publication

- Linux based Virtual Assistant in C** Volume-6, Issue-1
International Journal of Advance Research, Ideas and Innovations in Technology

Education

- 2015-2019 **University Of Petroleum and Energy Studies (UPES)** Dehradun
B.Tech. Computer Science & Engineering
Specialization in Open Source & Open Standards