

Gur Raunaq Singh

🌐 <https://raunaqness.in> | ✉ raunaq.soni@gmail.com | 📞 +91-9015154091

PUBLICATIONS

AMAZON SUMERIAN BY TUTORIALS

- ISBN-13: 978-1942878872
- Link - <http://bit.ly/SumerianBook>

GUEST AUTHOR

- RealPython.com
- RayWenderlich.com

HACKATHONS

- 1st Prize - AngelHack, New Delhi
- 1st Prize - GeekCombat, New Delhi
- 1st Prize - HashHacks, New Delhi
- 2nd Prize - ABinBev, Bangalore
- 2nd Prize - IncubateIND, New Delhi
- 2nd Prize - Hack@NSIT, New Delhi
- 2nd Prize - Smart Grid, New Delhi
- 1st Prize - Hack-DTU, New Delhi
- 2nd Prize - Hack-MSIT, New Delhi

SKILLS

LANGUAGES:

- Proficient - Python
- Familiar - JavaScript, Java

CONTAINERIZATION:

- Docker • Kubernetes

FRAMEWORKS/LIBRARIES:

- Django • Flask • React
- OpenCV • Kafka • Zookeeper

DATABASES:

- MongoDB • PostgreSQL

CLOUD PLATFORMS:

- AWS EC2 • Heroku
- Amazon DynamoDB • Amazon Lex
- Amazon Sumerian

TOOLS:

- JupyterLab • After Effects
- Android Studio • Sketch • Unity

EDUCATION

**GURU GOBIND SINGH
INDRAPRASTHA UNIVERSITY**
B.TECH. IN COMPUTER SCIENCE
2014-2018 | New Delhi, IN

WORK EXPERIENCE

PETASENSE TECHNOLOGIES PVT. LTD. | SOFTWARE ENGINEER

August 2020 - Present | New Delhi, India

- Asset Reliability and Optimization for the digital plant.

VEDA LABS PVT. LTD. | SOFTWARE ENGINEER

October 2018 - July 2020 | New Delhi, India

- Built a Streaming Video Analytics System from ground up in a containerized system architecture design for deployment on Edge Devices.
- Implemented CI for end-to-end Build and Test automation.
- Researched and bench marked various technology stacks to achieve speed improvements and better compute resource usage.
- Technologies used: Python, OpenCV, Tensorflow, Kafka, Docker, Kubernetes.

RAYWENDERLICH.COM | REMOTE AUTHOR - UNITY TEAM

July 2018 - Present | New Delhi, India

- Introduction to Multiplayer Games With Unity and Photon | [Link](#)
- Unity Custom Inspectors Tutorial: Getting Started | [Link](#)
- How to use the New Unity Prefab Workflow | [Link](#)
- Introduction to Using OpenCV With Unity | [Link](#)

ANHEUSER-BUSCH INBEV | DATA SCIENCE INTERN

June 2017 - September 2017 | Bangalore, India

- Worked in the HR Team and built tools for Resume Screening and employee attrition management
- Built a dynamic information dashboard for all teams to collaborate and easily share team progress status and other updates.
- Technologies used : Flask, Firebase, mLab, jQuery.

SMARTIVITY LABS PVT. LTD. | SOFTWARE ENGINEER

June 2015 - Aug 2015 | Saket, New Delhi

- Worked on Augmented Reality Games using the Unity3D Game Engine.
- Technologies used : Unity3D.

PROJECTS

NEURAL STYLE TRANSFER | [HTTPS://RAUNAQNESS.IN/NEURAL](https://raunaqness.in/neural)

- Turn your potrait into a painting.
- Technologies used : Django, OpenCV, Docker, Kubernetes, AWS EC2.

SHRINK-ITT | [HTTPS://SHRINK-ITT.HEROKUAPP.COM/](https://shrink-itt.herokuapp.com/)

- A simple url-shortner made with Django, Postgresql and Heroku.

EASYPASTE

- A combination of an Android app and a MacOS app that synchronizes the clipboard between the two clients.
- Technologies used: Android, Python, Flask.

THE WORKOUT GAME

- A Motion based game that aims to help Parkinsons's disease patients improve their motor functions.
- Technologies used: OpenCV and Unity3D.