

Gur Raunaq Singh

Software Engineer

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WORK EXPERIENCE

Computer Vision Research Engineer

Veda Labs Pvt. Ltd.

10/2018 – Present

New Delhi, India

Achievements/Tasks

- Researched and benchmarked various technology stacks to achieve speed improvements and better compute resource usage.
- Converted an existing monolithic project into a microservices architecture to improve scalability.
- Designed and built a CI/CD pipeline for deployment on bare metal Kubernetes cluster.

Remote Author - Unity Team

RayWenderlich.com

07/2018 – Present

New Delhi, India

Achievements/Tasks

- Working as an Author writing tutorials on a variety of topics such as Multiplayer Games, Networking and Prefab workflows. [↗](#)

Data Science Intern

Anheuser-Busch InBev

06/2017 – 09/2017

Bangalore, India

Achievements/Tasks

- 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.

Game Developer

Smartivity Labs Pvt. Ltd.

06/2015 – 08/2015

New Delhi, India

Achievements/Tasks

- Built Augmented Reality games using Unity3d.

EDUCATION

Bachelor of Technology (CSE)

Guru Gobind Singh Indraprastha University

2014 – 2018

Courses

- Data Structures and Algorithms
- Machine Learning
- Database Management System
- Computer Networks

Senior Secondary Education (CBSE)

J. D. Tytler Public School

2014

SKILLS

Python

C/C++

Docker

Kubernetes

AWS

Azure

OpenCV

Tensorflow

numpy

pandas

PyQt5

Flask

MySQL

MongoDB

Android

Unity3D

Sketch

Linux

Shell

PERSONAL PROJECTS

The Workout Game [↗](#)

- A motion game built with OpenCV and Unity3D to help Parkinson's disease patients improve their motor functions.

EasyPaste [↗](#)

- A combination of an Android app and a MacOS app that synchronizes the clipboard between the two clients.

FlaskCBIR [↗](#)

- A Content based image retrieval app built with Flask, OpenCV and Redis.

MicroLink [↗](#)

- A simple url-shortner made with Python.

ACHIEVEMENTS

Won 1st Prize at HashHacks

Cluster Innovation Centre, New Delhi, India

Won 2nd Prize at HackTheWorld Hackathon

Anheuser-Busch InBev, Bangalore, India

Won 1st Prize at GeekCombat Hackathon

ToTheNew Digital, New Delhi, India

Won Grand Prize at AngelHack Delhi

New Delhi, India

Campus Ambassador for Google Applied CS

New Delhi, India

Won 2nd Prize at Hack@NSIT

NSIT, New Delhi, India

Won 2nd Prize at Tata Power Hackathon

NSIT, New Delhi, India

Won 1st Prize at Envision Hackathon

Delhi Technological University, New Delhi, India

Won 2nd Prize at HackMSIT

MSIT, New Delhi, India

INTERESTS

Blogging

Coding

E-Sports

Photography