Gur Raunaq Singh

Software Engineer

Full-Stack Software Engineer experienced with modern DevOps Technologies.

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WORK EXPERIENCE

Senior Software Engineer
Clickpost

05/2021 - Present   *Bangalore, India*

ClickPost is India's largest e-commerce shipping & courier integration platform.

Achievements/Tasks

- Designed and built a Cash Reconciliation tool from the ground up, reducing weekly payment verification and calculation times by up to 50x.
- Collaborated, built and deployed a product recommendation engine for Courier Partner shipments tracking page, thereby increasing product click-rates by up to 5x.
- Migrated and set-up end-to-end Infrastructure on Azure Cloud from AWS using Kubernetes.
- Technologies used: Python, Django, React, Postgres, Docker, Kubernetes, Azure, AWS.

Full-Stack Software Engineer
Petasense Inc.

07/2020 - 05/2021   *Bangalore, India*

Achievements/Tasks

- Built features for the Petasense Web Dashboard involving both Frontend and Backend.
- Designed a local Development Setup using Docker-Compose that simplified and automated day-to-day operations done by the Engineering team such as Backend unit-testing, end-to-end functional testing with Selenium, etc.
- Technologies used: Python, Flask, JavaScript, React, docker-compose, Kubernetes, GCP.

Software Engineer
Veda Labs Pvt. Ltd.

10/2018 - 07/2020   *New Delhi, India*

Achievements/Tasks

- Built a Streaming Video Analytics System from the 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 benchmarked various technology stacks to achieve speed improvements and better compute resource usage.
- Technologies used: Python, OpenCV, Tensorflow, Docker.

EDUCATION

Bachelor of Technology
Guru Gobind Singh Indraprastha University

2014 - 2018

Courses

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

SKILLS

Python   Django   JavaScript   React   Docker   Kubernetes   React-Native   Flask   OpenCV   PostgreSQL   MongoDB   AWS   GCP   Azure Cloud   Apache Kafka   Redis

PERSONAL PROJECTS

Neural Style Transfer
- A Webapp that turns your selfie into a piece of Art.
- Technologies used: Django, OpenCV, Docker, Kubernetes, AWS EC2.

The Workout Game
- A motion game built with OpenCV and Unity3D to help Parkinson's disease patients improve their motor functions.
- Technologies used: OpenCV and Unity3D.

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

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