

# Yash Chandra

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## PROFESSIONAL

### SUMMARY

Disciplined software engineer seeking opportunities to learn tech and product by building scalable and maintainable softwares with ambition to become a subject matter expert in the field.

### SKILLS

#### PROGRAMMING

Languages:

Go • Python • Javascript

Technologies & Frameworks:

Docker • NodeJS • Git

Concepts:

Distributed Systems • Tor • P2P

Familiar:

ReactJS • Android

## EDUCATION

### IIT VARANASI (BHU)

BTECH IN COMPUTER SCIENCE & ENGG.

May 2017 | Varanasi, UP

CGPA: 7.83 / 10.0

### KENDRIYA VIDYALAYA GCF 2

Grad. May 2013 | Jabalpur, India

## LINKS

Github://yashschandra

LinkedIn://yash-chandra

StackOverflow://yash-chandra

Medium://@yashschandra

## EXPERIENCE

### GRAB | SOFTWARE ENGINEER

Aug 2019 - Present | Bangalore, India

- Working for Risk team to maintain and scale Rule Engine to validate transactions for GrabPay.
  - Designed and developed API testing framework for testing robustness of complex flows of Rule Engine.
  - Built a robust distributed locking library using Aerospike as key store.
  - Full-stack - Designed and implemented a (generic) case review management system for AML (Anti money laundering) cases.
- GoLang • Timescale • Aerospike • Docker

### URBANCLAP | SOFTWARE ENGINEER

Dec 2018 - July 2019 | Gurgaon, India

- Worked for Matchmaking team to develop solutions for matching a service provider to a customer request.
  - Built new scheduling and fanout flow to support mapping of customer requests to providers in bulk and automatic assignment of jobs. Used greedy approach for bundling and efficient allocation of jobs for better utilization of providers
- NodeJS • Redis • MongoDB

### SAMSUNG | ANDROID ENGINEER

Jun 2017 - Dec 2018 | NOIDA, India

- Built a secondary taskbar for dual screen mode for Samsung DEX (Desktop EXperience) app. Designed and implemented a lightweight copy of primary taskbar for secondary screen.
  - Built Smart view On Display (SOD) for Samsung DEX app that showed time and notifications on screen when phone dozed off.
- Java • Android

### FLIPKART | SOFTWARE DEVELOPMENT INTERN

May 2016 - July 2016 | Bangalore, India

- Worked on backend of security dashboard that displayed health metrics of team based on completion of security assessment by engineers.
- NodeJS • Python

## PERSONAL PROJECTS

### tor-ent (WIP)

tor-ent is a dockerized P2P deep web chat app which runs over tor network.

### urionion

urionion is a dockerized app to create an onion website with pseudorandom names in 2 steps.

### grpc-loki

grpc-loki is an http2+protobuf compatible mock server/store to set mock grpc expectations using a specified json format.

## ARTICLES

### Python multithreading: A myth

An article explaining how and why python does not handle threads as expected.

### Hidden V8 optimizations

Blog on how V8 uses hidden classes and inline caching to make JS code run faster.