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 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.

uronion
uronion 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.