

# Mayank Jha

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY

B.Tech in Computer Science and Engineering

July 2015 | Durgapur, India

First Class, Distinction

Cum. GPA: 8.48 / 10.00

## LINKS

Facebook:// [mayank.jha.71](#)

Github:// [mjnovice](#)

LinkedIn:// [mayank-jha-a895a533](#)

Twitter:// [@mjnovice](#)

Quora:// [Mayank-Jha-1](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Computer Networking + Practicals

Computer Architecture

DBMS + Practicals

Distributed Systems

Software Engineering + Practicals

Operating Systems

## SKILLS

### PROGRAMMING

Fairly skilled:

Golang • Shell • Python • Javascript

C • C++ • CSS • HTML • MySQL

Django • AngularJS

Familiar:

Java • PHP • Android • PostgreSQL

### TECHNOLOGIES

Fairly skilled:

Linux • Redis • HAProxy • Nginx

Locust • Git • Zookeeper

## OPEN SOURCE

## CONTRIBUTIONS

### KDE

Konversation • Trojita • Telepathy

Kate

### MISC

Waarta • Geany

## EXPERIENCE

### CAROUSELL Software Engineer, Backend Engineering

August 2017 - Present | Singapore

- Helping develop the Ads platform for serving ads on the application. Developing it in **Go**.

### FLIPKART Software Engineer (SDE 2), Cloud Platform

July 2015 - August 2017 | Bengaluru, India

- Designed and implemented a virtual testing framework for our load balancer service, by making a mock of the entire data center. Used **MiniNExt** library for emulating the network switches, protocols etc. The framework was built in **Python**.
- Designed and implemented the Health Check Service component of the Elastic Load Balancer, used to report the health state of hosts in the data center. Implemented it in **Go**.

### GOOGLE Summer of Code Intern

May 2014 - August 2014 | Remote

- Worked with the Fedora Project, to build a cached Bug tracking system, called Bugspad. Used **Redis** as the cache, and **Go** as the framework.

### GETMEASHOP Python/Django Hacker

May 2014 - August 2014 | Remote

- Made a B2B portal for sellers to list their products simultaneously on multiple e-commerce platforms (Amazon, Flipkart, Snapdeal etc.) using **Haystack**, **Solr**, **Django**.
- Implemented a price crawler for various products on Amazon, Flipkart and Snapdeal using **Scrapy** library in **Python**.
- Made an online test taking application for various subjects like Maths/Physics/Chemistry etc. using **Django**.

### ASHNIK PTE LTD Winter Intern

December 2013 - January 2014 | Remote

- Designed a UI for a database monitoring system, for a PostgreSQL system. This was done in **Django**, and had to use RRD for the graphing tool.

### GOOGLE Summer of Code Intern

May 2013 - September 2013 | Remote

- Worked with Ankur India, to make a tool for the judging the aesthetic quality of fonts for Indic scripts like Devanagari, Bengali, Gujarati, Telugu etc. It compared with a set of standards and give scores on various parameters. Achieved this using the **Python** API bindings of **FontForge**.