

ASHISH BANSAL

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EDUCATION

Panjab University, India

2013 - 2017

- Bachelor of Engineering, Computer Science
- CGPA: 7.81/10

WORK EXPERIENCE

Leetcode LLC

Jun 2017 - Current

Full Stack Developer

- Decreased request response time by 2.5x during contest start by leveraging cache usage
- Designed 'Leetcode Playground' platform for easy code debugging and sharing
- Designed 'Leetcode Discuss' and performed data migration from NodeBB(MongoDB) to Django(MySQL)
- Improved various APIs performance while monitoring them constantly through NewRelic.

KDE

2014 - 2016

Software Developer

- Implemented UPnP/DLNA media streaming server/client in Plasma Media Center as an intern under SoK - Season of KDE, a GSoC spinoff
- Submitted patches to various KDE Applications like Dolphin, KDE Connect
- Supervised a Google Summer of Code student to develop KDE Now prototype, Google Now alternative for the KDE Plasma Desktop
- Assisted a Google Code-In student in using Valgrind to find memory leaks and patch review process

PROJECTS

One Tap Video Download

Feb 2016 - Apr 2016

- Designed an Xposed module to download videos from many applications in Android using Xposed Framework
- Used Method hooking API to hook packages by reverse engineering popular Android applications like Facebook, Chrome, Vine
- Over 350k downloads excluding non-playstore installs
- [Source Playstore](#)

Simple Download Manager

Dec 2015

- Implemented a cross platform download manager in C++ using Qt Framework
- Used Web Sockets to communicate with native application
- Used Chrome's Network Interceptor APIs to monitor Video streams on webpage
- Increased downloading speed 6x from servers which throttle speed per connection
- [Source](#)

Audio Only Youtube

Nov 2015 - Dec 2015

- Created a Chrome extension to play only audio from YouTube videos to save bandwidth
- Saves internet bandwidth upto 90%
- [Source Chrome-Store](#)

SKILLS

Languages

C++, JavaScript, Java, Python

Technologies and Frameworks

ReactJS, Redux, Django, Android, Git, CMake, Qt, GraphQL, Redis, Celery, k8s, CI