

# ASHISH BANSAL

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## EDUCATION

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**Panjab University, India**

2013 - 2017

Bachelor of Engineering, Computer Science (CGPA: 7.81/10)

## WORK EXPERIENCE

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**Leetcode LLC (Remote position - US)**

Jun 2017 - Current

*Senior SDE + SRE*

- Technical Lead - with deep understanding of the codebase and infrastructure, managed team of devops and backend developers while taking major design decisions with proper planning and execution of tasks.
- Revamped whole system architecture to support scaling needs which involved moving out essential microservices.
- Participated in on-call rotation, firefighting critical production issues with quick yet careful thinking.
- Setup load testing framework. Analysed and optimised site performance by 50% during peak hours.
- Designed email & notification services, data analysis pipeline.
- Built other interesting features like interfacing debuggers to provide online code debugging, dynamic code generation for designing coding problems, code autocompletion etc.
- Submitted patches to various third party open source libraries being used in company projects.

**ZScaler**

Jan 2017 - Jun 2017

*SDE Intern*

- Built spidermonkey js engine using iOS toolchains to speed up proxy config file parsing
- Made fixes in the PacParser interacting with SpiderMonkey using low level C APIs
- Worked on creating packet tunneling client for ChromeOS

**KDE**

2014 - 2016

*Open source contributor*

- Implemented UPnP/DLNA media streaming server/client 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, SoK student in refactoring code base.
- Mentored Google Code-In highschool student to find memory leaks using valgrind.

## PROJECTS

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**One Tap Video Download** ([Source Code](#) / [Playstore](#))

Feb 2016 - Apr 2016

- Developed module to download videos from many applications in Android using Xposed Framework
- Performed reverse engineering over popular Android applications like Facebook, Chrome, Vine - to do method hooking to capture required video parameters
- Over 400k downloads excluding non-playstore installs

**Audio Only Youtube** ([Source Code](#)/ [Chrome Store](#))

Nov 2015 - Dec 2015

- Developed Chrome extension to play only audio from YouTube videos to save internet bandwidth upto 90%
- Over 65k weekly active users

## SKILLS

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**Languages**

Python, C++, JavaScript, Java

**Technologies and Frameworks**

Django, Celery, ReactJS, Android, Git, Qt, GraphQL, Redis, Docker, Kubernetes, Ansible, CI, CD