

# Saurav Kumar

Computer Engineering Student

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## EDUCATION

### Army Institute of Technology Pune

07/2016 – Present

Course

- Computer Engineering

### Saint Joseph's School, NTPC Kahalgaon (CBSE)

07/2013 – 03/2015

89%

### Saint Joseph's School, Pakartalla, Kahalgaon (ICSE)

06/2002 – 03/2013

83.5%

## PROJECTS

### Android Bluetooth Control App (08/2017 – 10/2017)

- Android app to communicate with the bluetooth Hardware device HC-05
- App available to download on Google Play store, open sourced in github

### File Sharing network in LAN (02/2018 – Present)

- Inspired from BitTorrent concept of fileSharing.
- Scans all active host in network for file to be searched.
- Collection of data from multiple host if found in more than one host, resulting in increased speed
- A pure P2P file transfer since no server is required.
- Partial code available in Github.

### Money remainder app (11/2018 – 02/2019)

- Android app to save the money borrowed or lend
- Sync with both the member of a transactions, push notifications
- Use of Google Firebase (A Google Cloud services)
- Code available in github, and app in play store.

### Charity DApp in Blockchain (03/2019)

- A charity based Dapp to create transparency in donation system
- Currently working on a stable coin.
- Build on Ethereum ERC20 standard
- Code open sourced in github.

### OWASP ZAP (Open Source Contribution) (03/2019 – 05/2019)

- AJava open source web application security scanner
- Created 3 pull request and got approved.
- Details available in Github

### Java Proxy Server (05/2019 – 06/2019)

### Java Parallel Downloading (09/2019 – Present)

- Multithread download of file partial data from internet.
- Available as CLI interface in bash (in progress).
- Partial code maintained in github.

## SKILLS

Java

C++

HTML

Javascript

PHP

Android Development

Basic SQL/ MongoDB

Basic computer networks

Firebase

Solidity

## WORK EXPERIENCE

### Cabit (internship) (09/2018 – 01/2019)

Pune based startup company, Role of development of android app

## ACHIEVEMENTS

Prime Minister's Scholarship Scheme (2016 – 2020)

Stackoverflow.com - top 10% in 3rd quarter of year 2019

## CERTIFICATES

Blockchain Basics by University at Buffalo & The State University of New York on Coursera  
(06/2019 – 07/2019)

<https://www.coursera.org/account/accomplishments/certificate/LSQ9SR6YCJP9>

## PROGRAMMING LANGUAGES

C++



Java



Python



## INTERESTS

Photography

Cooking

Photoshop