

# Rakshit Kapoor

✉ kapoor\_rakshit@yahoo.co.in | ☎ +91- 9417-56-7422 | 🌐 kapoor-rakshit | 🌐 kapoor-rakshit

## Education

**Bachelor of Technology:** NIT Jalandhar - CGPA: **8.41/10.0** 2014 - 2018  
**Senior Secondary - CBSE:** D.A.V. Public School, Amritsar - Overall percentage: **94%** 2014  
**Secondary - CBSE:** D.A.V. Public School, Amritsar - Overall grade: **10.0/10.0** 2012

## Academic Achievements and Scholarships

All India Rank **21052** in Joint Entrance Exam Mains 2014 among 1.5 million candidates 2014  
Recipient of *Central Sector Scholarship Scheme (CSSS)-CBSE* 2014 - 2018

## Work Experience

Android development trainee at **CareBuddy.co** May '16 - July '16  
CTO Intern at **Wipro Technologies, Kolkata** May '17 - July '17  
Project Engineer at **Wipro Technologies, Greater Noida** July '18 - Present

## Projects

**JavaScript Projects** (NITJ)  
Designed JavaScript projects - *CGPACalculator, ResistanceCalculator, ABCTutor, VotingSystem, ProfileTracker*  
Technology stack : *JS, HTML, BeautifulSoup*

**Android Projects** (NITJ)  
Developed Android apps - *CGPACalculator, ResistanceCalculator, NITJApp, ProfileTracker, AttendanceApp*  
Technology stack : *Android*

**Ticket Analysis tool** (NITJ)  
A tool designed for *Wipro Technologies*, to analyze the tickets raised by employees for better training of employees.  
Supervisor : *Saumyabrata Bhattacharya (Wipro)* Technology stack : *neo4j, py2neo, flask, chart.js*

**healthGuide** (NITJ)  
An android app designed for diabetic patients to have controlled monitoring over diabetes, it aims to reduce the communication barrier between doctor and patient, sync records, schedule, notifications, emergency alerts, tutorials, gamification/rewards.  
Supervisor : *Dr. Arun Khosla (NIT Jalandhar)* Technology stack : *Android, Firebase.*

**pyfiddle** (NITJ)  
An essential collection of API(s) to make life pretty easy.

**BookMyBus** (Wipro)  
Application developed as part of my course learning of Modern Web Full Stack Development using MEAN stack.  
Used third party API like Google oAuth, Razorpay payment gateway integration.  
It is deployed on Heroku and live at <https://bustrip.herokuapp.com/#/>  
Supervisor : *Mr. Venkatachalam Subramaniam (Wipro)* Technology stack : *Angular, Express, MongoDB*

**Voice Based Virtual Agent** (Wipro)  
Developed and maintained excel based training data (knowledge base), workflows in Java for an IVR system that interacts with customer by speech recognition and natural language understanding, and responds in natural language based on user intent and integration with backend systems.

**Electronic Submission Portal** (Wipro)  
Developed angular components for a portal that includes preview table component with pagination, filter, sorting, editable cells using angular material, dashboard component for admin with angular material table, chart and dialog, component for mapping of headers considering all aspects of UX, functionality for tracking user inactivity and optimised it for maintainability. Multiple enhancements for a better UI and UX.

## Virtual SME Chat Bot

(Wipro)

Developed and maintained excel based training data (knowledge base), workflows in Java for Virtual SME Chat Bot that responds to user query. Created a feature of broadcasting messages via a draggable and resizable updates window that appears alongside chat window and fetches latest updates posted by admin. Created feature of adding users (login credentials) via upload of an excel sheet to a database that support multiple roles per user plus maintain atomicity and vice-versa on admin dashboard. Revamped user login page plus admin dashboard for performing create, read, update, delete (CRUD) operations, classification of users as active/inactive with their roles for respective actions on dashboard.

## Extracurricular Activity

Student Guide, *Counselling Service*, NIT Jalandhar: Helped students adjust to rigours of college life.

Assisted the Orientation Programme '15 for the fresher batch.

Campus Ambassador, GeeksforGeeks

Event Ambassador, Codechef SnackDown for consecutive two years (2016, 2017)

Member, *Programming Club*: Conduct coding classes to help students with programming concepts.

## Skills

<b>Programming</b>	C/C++, Python
<b>Web</b>	JavaScript, HTML, CSS, jQuery, BeautifulSoup, Angular, React, NodeJS
<b>Mobile</b>	Android
<b>Frameworks</b>	Flask, Django
<b>Utilities</b>	Linux shell utilities, Git, MySQL, Firebase, MongoDB
<b>Platforms</b>	Microsoft Windows, Linux Ubuntu

## Relevant Coursework

<b>A</b> Introduction to Programming	<b>B</b> Object Oriented Programming	<b>A</b> Data Structures and Algorithms
<b>S</b> Mathematics-I	<b>S</b> Mathematics-II	<b>A</b> Mathematics-III
<b>A</b> Software Engineering	<b>A</b> Operating Systems	<b>S</b> Sci. Computing

**S : Outstanding performance**

**A,B : grade**

## Interests

Programming Languages  
Competitive Programming  
Web Development  
Mobile Development  
Databases