



# Akshat Nigam

Roll No.: 200107006

B.Tech - Chemical Engineering

Minor in Electronics and Communications Engineering

Indian Institute Of Technology, Guwahati

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.45 (Current)	2020-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	8.0 (Current)	2021-Present
Senior Secondary	ISC Board	89.5%	2019
Secondary	ICSE Board	92.0%	2017

## EXPERIENCE

- Android Developer Intern** Mar 2022- Apr 2022  
*One Notch* bit.ly
  - Optimized an android application of a grocery app with sign-up page.
  - Designed & developed a user-friendly and interactive UI for the application.
  - Tech Stack: Used **XML** and **Java** in **Android studio**, **Google Firebase** for authentication.

## PROJECTS

- Video Conferencing App** Jun 2022 - Jul 2022  
*App development* GitHub
  - Developed a video conferencing application which works on Android and iOS using **Flutter** and **Firebase**.
  - Implemented Google Sign-in using **Firebase** and used **Jitsi meet package** for meet functionality.
  - Adopted noSQL database, **Firestore** to store user data and login information.
- Path Finder** May 2022  
*Self Project* GitHub
  - Created a desktop application that finds the shortest possible path between two points.
  - Implemented **Dijkstra** and **A\* (A star) search algorithm** for finding the shortest path.
  - Tech stack:** Used **Java** and **Swing** framework.

## TECHNICAL SKILLS

- Programming:** Java, C, C++\*
- App Technologies:** Android Studio, XML, Flutter
- Web Technologies:** HTML, CSS
- Miscellaneous:** Firebase, Git, GitHub, Swing \* Elementary proficiency

## KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Single & Multi-Variable Calculus
- Computer science:** Introduction to Computing, Computer Aided Numerical Methods using MATLAB

## POSITIONS OF RESPONSIBILITY

- Club Secretary**, Youth Empowerment club, IIT Guwahati Apr 2022 - present
  - Spearheading all the activities of the club comprising of 45+ members and coordinating with all the heads to ensure uniform flow of events promoting Youth Empowerment.
- Internfair Manager**, UDGM- The Annual E-Summit of IIT Guwahati Aug 2021 - Jan 2022
  - Lead a team of 20+ Students which was responsible to bring 60+ startups to IIT Guwahati for the largest E-Summit of the North East.

## ACHIEVEMENTS

- Jumpstart-Publicis Sapien**, Shortlisted for a Tech event organised by Publicis Sapien by clearing both rounds of DSA and Computer Fundamentals based quiz and coding test. 2022
- True Geek Tournament**, Secured a rank of 610 in a 7 days-long Coding Tournament. 2021
- Disrupt 2022**, Reached final round (**Top 20**) in startup pitch competition Disrupt among 250+ startups conducted in Udgam 2022. 2022

## EXTRACURRICULAR

- Core Team Cadence**, Participated in annual performance art festival for the year 2022 in Group dance performances. 2022
- Events Executive**, Alcheringa 2022, Active member of the team which was responsible for creating biggest socio-cultural fest of North East India conducted by IIT Guwahati. 2022