

# Shubh Gupta

JUNIOR UNDERGRADUATE · CHEMICAL ENGINEERING

IIT Kanpur

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“Sophomore at IIT Kanpur, extending boundaries.”

## Education

### IIT Kanpur(Indian Institute of Technology Kanpur)

Kanpur, India

JUNIOR UNDERGRADUATE, CHEMICAL ENGINEERING

July'16-Pres

- Currently have a CPI of 6.8

### Modern Vidya Niktan Aravali Hills

Faridabad, India

HIGH SCHOOL DIPLOMA

2002-2016

- Scored 94.8% in 12th CBSE Board
- Scored 9.6 CGPA in 10th CBSE Boards

## Experience

### New York Office, IIT Kanpur(Prof. Manindra Agrawal)

Kanpur, India

FULL STACK DEVELOPER

Jul. 2017 - Present

- Working on the frontend and the backend of a fully scalable web application, to improve it
- The frontend is based on Angular and typescript, while the backend involves technologies like Scala with Akka, Slick, everything collaborated through Phabricator.
- Currently trying to add database migrations for the web application.

### Techkriti, Web

IIT Kanpur

SENIOR EXECUTIVE, BACKEND

Jul. 2017 - Present

- Techkriti is the annual techfest of IIT Kanpur.
- I am working on the backend of the fest's website
- In charge of reducing code redundancy and scaling the web application.
- Technologies used include Docker, Node.js and MongoDB

### New York Office, IIT Kanpur(Prof. Manindra Agrawal)

Kanpur, India

BACKEND DEVELOPER(SUMMER INTERNSHIP)

Summer'17

- Worked on the search API in the backend based on ElasticSearch.
- Used Scala with Akka for backend development with Phabricator for collaboration.
- Used slick as typesafe query and access library using FRM.

### Code.Fun.Do

IIT Kanpur

REALTIME CHAT APPLICATION - LETSCHAT

January,2017

- Made a realtime android chat application
- The app was made on Android Studio with frontend in XML and Firebase which is a realtime database, on the backend.
- The app was successfully submitted

## Positions Of Responsibility

### Election Commission, IIT Kanpur

IIT Kanpur

SENIOR EXECUTIVE

Jul. 2017 - PRESENT

- 2nd tier in charge of the regular conduction of gymkhana and senate elections at IIT Kanpur.
- Was made the hall observer for my particular hostel and leaded a team of 10 people for the successful conduction of the by-elections of the Student Senate, IIT Kanpur.

## Startup Internship Program, Entrepreneurship Cell, IIT Kanpur

IIT Kanpur

SENIOR EXECUTIVE

Aug. 2017 - PRESENT

- Startup Internship Program (SIP) provides IITK students with an unprecedented opportunity to connect with young and upcoming companies who are set to become the powerhouses of NexGen India.
- I am a part of the 2 tier team responsible for inviting these startups to recruit students from IITK for internships.
- There are companies from sectors of marketing, multimedia, advertising, coding, on-line ventures and many more.
- We are aiming to successfully inviting atleast 150 startups for SIP'18(double than the previous year)

## Techkriti, Web

IIT Kanpur

SENIOR EXECUTIVE

Jul. 2017 - PRESENT

## Honors & Awards

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2016 **JEE Mains 2016**, Bagged an All India Rank of 4321 out of the 15 lakh applicants.

2016 **Jee Advance 2016**, Secured an All India Rank of 2117 out of the 15 lakh applicants.

2016 **Class 12 CBSE Boards**, Secured 94.8% with 95% in PCM

## Skills

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**Programming** Scala, C/C++, Python, Java, Javascript/Typescript

**Web** Express.js with Node.js, Akka with Scala, JavaScript, TypeScript, SLick, Django(beg), flask(beg)

**Utilities** Linux, Git, Docker, MongoDB,  $\text{\LaTeX}$ , Vim

**Operating Systems** Arch Linux, CentOS, Debian, Ubuntu, Windows