

# Ritik Mittal

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## EDUCATION

### NSIT, UNIVERSITY OF DELHI

B.E. ELECTRONICS &  
COMMUNICATION  
Batch of 2021  
CGPA: 9.11

### MATA KASTURI DEVI SCHOOL

Class XII | PCM  
AISSE: 91.2%

### SIDDHARTH INTL. SCHOOL

Class X  
AISSE: 9.6/10

## SKILLS

### PROGRAMMING LANGUAGES

• C++ • Java • Python • C  
• MATLAB • Octave

### FULLSTACK DEVELOPMENT

• HTML • CSS • JavaScript  
• Bootstrap • Materialize  
• ReactJS • AngularJS • NodeJS  
• Redux • Context API

### DATABASE MANAGEMENT

• PostgreSQL • Mongo Atlas

### APP DEVELOPMENT

• Flutter • Android Studio

### OPERATING SYSTEMS

• Linux • Windows

## RESPONSIBILITIES

Vice-President | 2019-2020

Colloquium: NSUT's Debating Festival

Executive Director | 2019-2020

The Debating Society of NSUT

Sr. Committee Member | 2019-2020

Finance and Economics Society NSUT

Committee Member | 2019-2020

Academics | The Students' Council, NSUT

## COURSEWORK

• Advanced Data Structures  
• Operating Systems  
• Database Management System  
• Computer Networks  
• Artificial Intelligence

## WORK EXPERIENCE

### SOFTWARE DEVELOPER INTERN | MAY 2020 - JUNE 2020

Goldman Sachs & Co. | Bengaluru

- Worked with the core team on **UI and backend development** adopting the Software Development Life Cycle (SDLC) model for development
- Led the development of 4 UI modules used by the team and clients using **ReactJS** and **RESTful Web Services**
- Focused on the **Design Pattern (DP)** strategy during development to avoid repeating templates and to write an efficient code

### WEB DEVELOPER INTERN | Nov 2018 - JAN 2019

The Healthy Company | New Delhi

- Determined coding requirements for site creation, including **e-commerce capability** for development of company's new website
- Used **Google Accelerated Mobile Pages (AMP)** for speed and performance.
- Implemented **Google Campaigns and SEO** for the website and converted mockups into HTML, JavaScript, AJAX and JSON.

### SUBJECT EXPERT, COMPUTER SCIENCES | Nov 2019 - PRESENT

Chegg Inc. | USA

- Working as a Computer Science subject expert at Chegg and have solved over 70 questions ranging to different topics and subjects of CSE.

## PROJECTS

### DEVCONNECTOR | MERN BASED COMMUNITY CONNECT APP

- Built a full stack web application using **MongoDB, ExpressJS, ReactJS and NodeJS (MERN stack)** which allows developers to connect and can be used in a large firm or community.
- Used Redux for React state management and also features an authentication layer with a database which was implemented using **bcrypt**

### COVID-19 TRACKER | REACT BASED TRACKER FOR COVID-19 UPDATES

- Built an attractive COVID-19 tracker app using ReactJS and MaterialUI
- Used React Hooks and Context API for React state management

### EASYLIB | LIBRARY MANAGEMENT APP

- Built a library management system using NodeJS, MySQL, HTML and Bootstrap
- The app allows different features for admins and customers

## ACHIEVEMENTS

### TECHNICAL:

- Qualified to **Third Round of FLIPKART GRiD Competition (Machine Learning)** which consisted of 500 teams among 6000+ teams.
- Secured a **top 1500 rank** twice during Google Kickstart'20

### ACADEMIC:

- **Department Rank 1** amongst 180+ ECE students in Semester 5 and 6 with an **SGPA of 9.50 and 9.83** respectively
- Scored a grade point of **10 in Database Management System, Operating Systems and Computer Networks** and 9 in Data Structures
- Awarded **scholarship by the University** for standing in top 10 among the department in the third year