



# RAJAT GOYAL

Software Developer

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<https://rajat2105.github.io/v1/>

## WORK EXPERIENCE/EDUCATION:

### Backend Developer Intern

Jul 2021 - Jun 2022 (12 months)

In my final year of graduation worked as backend intern for Groww. Groww, a rapidly growing fintech with most recent valuation of 3 billion USD.

#### Responsibilities/Achievements:

- Full ownership of backend development for an upcoming product.
- Exploring new API documentation technologies such as Redoc
- Working in a team to explore possible learning platform for org wide usage
- REST API based integrations, creating and consuming web-services and writing scalable and deployable microservices from scratch.

#### Technologies used:

JAVA Springboot MySQL ELK stack Kafka/RabbitMQ Kubernetes/Docker

### GROWW

## SKILLS & TOOLS

### Languages

JAVA  
Python  
C++

### Frameworks

Springboot  
Python/Django

### Others

MySQL  
Kafka/RabbitMQ  
Kubernetes/Docker  
Git

### B.E Computer Science and Msc Maths

Birla Institute of Technology and Science, Pilani

August 2017 - July 2022

Joined Goa Campus of Bits Pilani under the dual degree program. Bachelors in Computer Science and MSC in Maths

#### Achievements:

- Did 2 projects under Dr.Mayank Goyal aimed to develop and automate accurate derivative pricing strategies using the concept of line value and Black Scholes Model.
- Was regularly involved in hackathons and competitive coding contests
- Core Member of Wall Street Club and Geeks on Campus club.

#### Relevant Courses

DSA OOP Graphs and Networks DBMS Number Theory OS NNFL Discrete Maths AI

## PROJECTS

### Debit Card Backend development

Developed backend engine for Debit Card using Springboot framework

During my stint at Groww

### Option Pricing

Developed Automated Pricing model for options using Line Value Concept and Black Scholes Formula

2nd and 3rd year of college under College Faculty

### AI/ML summer intern(2nd year)

May 2019 - July 2019

Joined IMARC international as a AI intern to implement Predictive NNFL models to filter out WebPages with less bounce rates.

#### Responsibilities/Achievements:

- Using predefined NNFL models to change parameters and acheive high accuracy on test data
- Using CNN libraries to filter out best suitable websites according to various parameters

#### Technologies used:

ML Kaggle Keras Pytorch NNFL

### Imarc

## HACKATHONS/CONTESTS

### 🏆 Groww Craft hackathon 2021

Worked as a backend developers in a team of 4 to develop Forum feature on groww website for Groww Craft hackathon.

### 🏆 Competitive Coding

Given numerous competitive coding on contest on Leetcode and acheived highest rating of 1712. Leetcode profile: <https://leetcode.com/RAJAT2105/>

## LANGUAGE

English (Fluent)

Hindi (Native)

## SUMMARY

Other than the skills mentioned above I am a fast learner and extremely comfortable with switching to a different tech stack as and when needed. I also have strong fundamental understanding of Financial instruments. In my free time I like to play chess or enjoy sports.