# Himanshu Choudhary

**FULL STACK ENGINEER**

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## 🎓 Education

**B.S. in Physics**

(+ Minor in Artificial Intelligence)

**Indian Institute of Technology, Kanpur**

*(2012 - 2017)*

## </> Skills

**Frontend**: React, Redux, Angular, Bootstrap, SASS, Web Components

**Backend**: Spring-boot, Node, Python, OAuth, REST APIs, Microservices

**CI/CD**: Jenkins, XLDeploy, Docker, Kubernetes, Sonar

**Others**: Git, Figma, AWS, RDBMS, NoSQL, ElasticStack, Web Scraping

## 💼 Work Experience

Société Générale GSC    *(June 2017 - Present)*

- **Senior Software Engineer**    📍 Bangalore, India

- Contributing in the **digital transformation** of applications with modern web technologies and frameworks
- Responsible for bringing **cost savings** by reforming the **infrastructure** and leveraging open-source tools
- **Leading** the team to on-board on the **craftsmanship** best practices for better software quality
- Active participation in **UI/UX** design, process **automation** and **CI/CD** practices implementation

- Qualified into Engineering-Stream, an organisation level group of **specialised** software engineers
- Secured **top positions** in various department/organisation level **hackathon** and competitions
- Awarded as **Learner's champion** for excellent performance in adapting new technologies in the projects

Tripoto Travel Pvt Ltd    *(May 2015 - July 2015)*

- **Software Engineer**    📍 New Delhi, India

- Contribution in improving **full text** search relevancy with **Elasticsearch** and weight normalised parameters
- Involved in transforming various web components to **AngularJS** modules with improved **responsive** css
- **Automated** various regular manual tasks by building generic web scraping tools with **Python**

- Secured **1st** place in a hackathon competing against senior officials and fellow interns

## 💻 Projects

PennySplit.com    *(Self project)*
- An expense splitting app to quickly calculate individual's share in group events having on **average 40 visitors daily**
- Developed the fully **responsive** frontend from scratch using **AngularJS** & **Bootstrap** with core focus on simple **UX**
- Built **RESTful API** design pattern based backend using **Slim framework** in PHP and **MySQL** database

Rating Prediction and Summary Generation    *(Academic project)*
- Predicted products rating from user submitted review achieving an accuracy of **~70%** using **LSTM** NN model
- Generated an extractive summary of 3-5 words using POS tag and sentiment polarity of keywords from user review

Blog Scraper    *(Freelance project)*
- A web service for a travel website allowing users to **crawl** and **autogenerate** articles from the existing blog posts
- Built the service using **scrapyrt** in python along with a client app to consume the service and preview the blog crawl

Course Helper    *(Academic project)*
- An **android app** to help students during semester academic registration by opting for the right courses
- Built backend using **Django** framework with a co-occurrence matrix based course **recommendation** service

Student Search    *(Self project)*
- An **angular** app for finding campus students based on various search criteria to retrieve basic academic information
- Got widely popular amongst the campus community with more than 100 sessions per day and total **100k+ visitors**