

## 👤 About me

With 7+ years of working as a software engineer, I specialize in developing robust software solutions, with expertise in React, REST APIs, and backend services. I'm skilled in setting up cloud infrastructure and CI/CD pipelines from the ground up, ensuring the delivery of scalable and high-quality solutions.

## 🎓 Education

### B.S. in Physics

(+ Minor in Artificial Intelligence)

Indian Institute of Technology, Kanpur

2012 - 2017

## 🔗 Skills

### Frontend

Javascript   Typescript  
React   Microfrontend  
Webpack   Redux   SASS  
Bootstrap   Web workers

### Backend

NodeJS   Python   Java  
REST APIs   Microservices  
Event Driven Development  
MQs   OAuth   NoSQL  
PostgreSQL   Elastic Stack

### Infra

CI/CD   Docker  
Kubernetes   Cloud  
Serverless   AWS

### Others

Figma   Git   Notion  
JIRA

## 💼 Work experience

### SDE-II, Mindtickle

(April 2022 - present)

- Enhancing products with new feature development and improved user experience through collaboration with cross-functional teams
- Improved product performance** through network waterfall analysis, build optimizations, lazy loading, and **predictive pre-emptive caching**
- Implemented best practices such as **feature flags**, artifact promotion, migration scripts, and comprehensive documentation to **enhance developer experience and release quality**
- Served on the hiring committee, conducting interviews for various positions

### Sr. Software Engineer, TRGT Digital

(March 2021 - April 2022)

- Engineered products from scratch** to enhance the efficiency of performance marketing processes
- Designed interactive prototypes** for complex web applications using **Figma** and conducted UX research
- Implemented **complete infrastructure setup**, including **CI/CD** pipelines, **Kubernetes** clusters, domain & SSL configurations and deployments on DigitalOcean cloud and Firebase
- Enhanced system **scalability, monitoring, and maintainability** by replacing cron-based scheduled jobs with message queue driven **Celery framework**

### Sr. Software Engineer, Société Générale GSC

(June 2017 - March 2021)

- Drove **digital transformation** by implementing modern web technologies and frameworks such as React and widget-based development
- Achieved **cost savings** by modernizing infrastructure with **serverless** Lambdas and **micro-services**, and transitioning from high-cost licensed tools
- Selected for Engineering-Stream, an elite group of specialized software engineers within the organization
- Secured top positions** in multiple department and organization-level hackathons and competitions

## 📁 Projects

### PennySplit.com

(Self project)

- Developed an expense-splitting app, used by an average of **40 daily visitors**, to quickly calculate individual shares in group events
- Created a **fully responsive frontend from scratch** using AngularJS and Bootstrap, prioritizing a simple user experience
- Designed and implemented a RESTful API backend with the Slim framework in PHP and a MySQL database

### Rating Prediction and Summary Generation

(Academic project)

- Predicted product ratings from user reviews with ~70% accuracy using an **LSTM neural network model**
- Created **extractive summaries** of 3-5 words from user reviews by leveraging POS tagging and sentiment polarity analysis of keywords

### Blog Scraper

(Freelance project)

- Developed a web service for a travel website to **automate article generation** from existing blog posts
- Utilized ScrapyRT in Python to build the service and created a client application for consuming and previewing the **crawled blogs**.