

# Rishi Ghai

## Software Engineer

I am passionate about finding ways to improve low level and high level design of systems to make them more efficient and maintainable

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## WORK EXPERIENCE

### Software Engineer Level 2

Priceline.com

11/2022 - Present

#### Achievements/Tasks

- I did a **low level redesign** along with various **database optimisations** for their Payment Reconciliation System which made the vendor onboarding process a lot more smoother than before. It also helped reduce the execution time of their longest running ETL steps from **~3 hours to ~5 minutes**. I also wrote multiple LLD and HLD **design documents** for all tech upgrades

### Senior Associate

Morgan Stanley

08/2021 - 10/2022

#### Achievements/Tasks

- Designed, developed and documented one of their core **data products**. **Groomed interns** and developed couple of **POC projects** with them. Created python scripts and dashboards to make it easier for business users to analyse data.

### Software Engineer

Wissen Technology

06/2019 - 08/2021

#### Tasks

- Handled end to end feature development for Morgan Stanley's Equity Research Products using **Spring** and **Angular** frameworks.

## EDUCATION

### B.Tech in Information Technology

K.J. Somaiya College Of Engineering,  
Vidyavihar

CGPA

- 8.4

### XII (Maharashtra State Board), Science

Vasant Vihar Junior College

Percentage

- 80.46

### X (Maharashtra State Board)

Vasant Vihar High School

Percentage

- 95.27

## TECH STACK

Java

Python

HTML, Javascript, CSS, Bootstrap

Spring

Angular

Elasticsearch

MongoDB

Unix

Jenkins

Git

Jira

Docker

GCP

Postgres

## PROJECTS

### Priceline.com - Payment Reconciliation System (11/2022 - Present)

- The system consists of 6-7 Spring boot micro services hosted on a GKE cluster. The System is responsible for reconciling vendor and Priceline invoices and creating necessary invoices adjustments
- Tech Stack:** Spring boot, Postgres, GCP, Python

### Morgan Stanley - Context Analyzer (06/2019 - 10/2022)

- A web tool used by Morgan Stanley analysts to compare a company group's valuation/fundamentals/performance to another company group.
- Tech Stack:** Spring Boot, Angular, Elastic Search, KDB+

### Morgan Stanley - ESG (07/2020 - 10/2022)

- A backend application which is responsible for getting data from various data sources, performing ETL on it to generate relevant scores, and storing the data in a data store. The data from the data store is sent to downstream applications via RESTful services.
- Tech Stack:** Spring Boot, Autosys, Apache Zookeeper, Elastic search

## ACHIEVEMENTS

### Smart India Hackathon Second Runner's up (01/2018 - 04/2018)

Team Leader of the college team for Smart India Hackathon 2018 (organized by the Government of India). Our Team stood second runners up in the competition.

### Third Ranker (05/2017 - 12/2017)

Secured third rank in third year of engineering

## INTERESTS

Reading about tech

Guitar

Football

Table Tennis

Video Games