HIMANSHU JAISWAL

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EXECUTIVE SUMMARY

A **Senior Engineer** with ~5 years of experience in full stack development. A collaborative developer with experience in building frontend and backend applications, working with distributed systems and cloud technologies, setting up CI/CD and metrics pipelines. A self-motivated individual with the mindset of continuous learning and growth**.** Editor of Medium Publications: *JavaScript in Plain English*, *Noteworthy*

PROFESSIONAL SKILLS AND INTERESTS

- Backend development with **Java & Spring Boot**
- Frontend development with **JavaScript & React**
- Container Orchestration with **Docker/Kubernetes**
- Distributed Systems like **Kafka**, **Cassandra**, etc.
- Cloud Platform like **GCP**
- Leadership and problem-solving skills

AWARDS AND RECOGNITION

- **Top Contributor Award** (2021, Lowes India)
- **Q3 Leadership Award** (2017, Target Corporation India)
- **Award of Excellence, Hackathon** (2016, Target Corporation India)
- **Best Team Award** (2019, Target Corporation India)
- **Certificate of Appreciation for Leadership** (2015, Students Gymkhana IIT Kanpur)

PROFESSIONAL SKILLS DEMONSTRATED

Senior Engineer – Lowes India   January 2020 – Present
- Designed and developed Taxonomy Cesta, a modern tool with real-time capabilities to make Category hierarchy, Left Navigation bar and Category Product relationship changes on the Product Listing page
- Saved annual license cost of ~ $200K by replacing Synaptica (Legacy tool) with Taxonomy UI
- Designed and developed Merch Bucket Tool as a replacement for Management Center in WCS with enhanced real time capabilities to release a promotional bucket
- Improved user experience, speed and saved annual license cost of Management Center
- Awarded Top Contributor Award for the contributions towards Merchandising Tools

Senior Engineer – Target Corporation India   July 2016 – Dec 2019
Stores Modernization
- Lead the development of UNIMATRIX environment for **Enterprise Price** which became the backbone of applications deployment in stores, including successful release of **Location Price V2** API
- Improved **accuracy of prices** by implementing shutdown logic of applications in stores to prevent price activations getting out of sync in case of database crash and data loss
- Developed **Spark** based backup job to restore price data from Head-Quarter DC's to Stores which played crucial role during database crash
- Established and matured business and product metrics for better insights of our application
- Unlocked the **visibility** into the **current selling prices in stores** for the very first time, increased accuracy of prices received by HQ apps thereby reducing guest friction
- Decommissioned legacy mainframe system for **1800+** stores, savings on tons of effort on security patching & maintenance

- Received **Quarterly Leadership Award** for the contributions in modernizing 1800+ stores

Channel Pricing

- Designed and developed Enterprise **Location Price V2** API, the **single source of prices** across all channels including **Target.com**, **Apps**, **1800+ stores**
- Provided visibility of **sale prices days in advance of go-live**. This is a significant feature that will unravel a ton of business use-cases including enabling site-preview & signing, promo validation etc.
- Contributed to enable **channel pricing** features in Location Price V2 API, one of the **key business outcomes**
- Supporting traffic of **100K** transactions per second with response time (99th percentile) under **100 ms**

TECHNICAL SKILLS

Languages: Java8 (with Spring-Boot), JavaScript (ES6)   **Frontend:** React, HTML, CSS/Bootstrap(basic)
Containerization: Docker, Kubernetes, HELM   **Database:** Cassandra, Postgres, Couchbase, Neo4j
Big-data: Kafka, Spark, Elastic Search   **CI/CD**: Drone, Spinnaker, Jenkins
Metrics/Alerts: Prometheus, Grafana, Influx, Telegraf

EDUCATION

- **Master of Technology - Chemical Engineering, IIT Kanpur** with grade **8.3/10**
- **Bachelor of Technology- Chemical Engineering, IIT Kanpur** with grade **7.5/10**
- **Class 12th – CBSE Board** with percentage of **90.8/100**
- **Class 10th – ICSE Board** with percentage **94.8/100**

PERSONAL PROJECTS

Pizza Builder
A web application built on **React** that enables customers to build their own customized pizza
Medium: https://medium.com/javascript-in-plain-english/not-a-hello-world-application-getting-started-with-react-c02879d8bde3

Chatbot
A chatbot integrated with pizza builder application (for user experience) to help customers build their pizza
Medium: https://medium.com/javascript-in-plain-english/may-i-help-you-build-a-chatbot-in-10-minutes-with-react-df19e940bbc8

EXTRACURRICULAR ACTIVITIES

Head, Public Relations – Techkriti'15, IIT Kanpur *(One of the Asia's largest Technical Festival)*

- Lead a 3-tier team of **60 members** to conduct talks, shows, exhibition and entrepreneurial part of the festival
- Allocated budget of over **INR 5 million**- the largest of any cell, took key decisions for its strategic distribution
- Successfully initiated alliances with International universities and Embassies of **5 countries** leading to a foreign sponsorship of over **INR 1 million**
- Organized the biggest ever International concerts- **Poets of the Fall** and EDM- **BELTEK with NDS & Blue** at IIT Kanpur during Techkriti'15
- Key role in marketing/social campaigns (**Adopt a tree**, **Make a Wish**) to execute pre-festival events in the city
- Conducted **17 Talks** (highest & best line-up), introduced AUTO-EXPO, SPACE-EXPO and Start-up weekend for the first time; **UNESCO Patronage** in recognition of its outreach and impact