

# Jalees Jahanzaib

☎ +91 9682598183 | @ j.jahanzaib8964@gmail.com | 🔗 LinkedIn | 🌐 GitHub | 📁 Portfolio | 📍 Mumbai, India

## EXPERIENCE

---

### Jio Platforms Limited

Mumbai, India

*Sr Backend Engineer: Jio Order Management*

*Jan 2024 – July Present, Full-time*

- Lead a team an event-driven system integrating external broker APIs and webhooks, enabling seamless data exchange between Jio Commerce Platform (JCP) and external system like Unicommerce, SAP, Infibeam etc.
- Led the migration of services for **11 million JioMart users** (SpringBoot, GCS, H2, Redis) to JCP, optimizing operational efficiency and reducing maintenance costs by **10x**, streamlining integration across Reliance-acquired companies.
- Developed a webhook processing system to transform, process and update shipment data, ensuring real-time state changes before forwarding results to external Systems.
- Enhanced data processing efficiency by **30%**, accelerating transactions between JCP and External Systems.

Mumbai, India

*Backend Engineer: Inventory Management System*

*July 2022 – Jan 2024, Full-time*

- Developed and Managed a high-performance, scalable, and vertically sharded Inventory Management System, managing **17 million products** across **304k** stores, processing **3 million** reads and **100k writes** per day, supporting both regional and PAN-India e-commerce delivery models.
- Engineered an asynchronous status update system using Spring-Java and event-sourcing on MySQL, ensuring only In-Stock products appeared on PLP, GMC ads and Facebook ads, processing **400k+** events daily, enhancing customer experience and ad efficiency.

## EDUCATION

---

### International Institute of Information Technology Hyderabad

Hyderabad, India

*B.Tech. in Computer and Science Engineering;*

*Sep 2018 – Jun 2022*

*Dean's Merit List Awardee (Top 5% of class)*

## PROJECTS

---

### Customized Xv6 | { C, Operating Systems, Unix, Concurrency } | [GitHub](#)

- Developed a Customized version of MIT's Xv6 Operating System. Incorporated several **scheduling** algorithms such as FCFS, priority based scheduling, etc.

### Distributed Chat Application | { GFS, Java } | [GitHub](#)

- A distributed storage schema replicating the Google file system architecture to support messaging application.

### Linux Shell | { C, System Calls } | [GitHub](#)

- Implemented a bash like shell in C. It supports features like piping, redirection, signal handling, background & foreground process management.

### Physics Engine | { Python, OOPs } | [GitHub](#)

- Implemented a Physics Engine from scratch that follows strict object-oriented programming paradigms. Implemented techniques like collision detection penetration restitution of point objects. Concepts like Coefficient of friction and restitution were also implemented.

## SKILLS

---

**Languages:** Java , C/C++, SQL , Python, JavaScript, TypeScript, Go

**Technologies:** Spring Boot, Quarkus, Kubernetes, GCP Kafka, Flask, Django, Node.js, React.js, MongoDB, Git, Docker

**Methodologies:** OOPs, Functional Programming, DevOps, CI/CD, TDD

## ACHIEVEMENTS

---

### Jio Star Performer Award

[Award](#)

Recognized with the Star Performer Award for outstanding contributions, consistently exceeding performance goals, and demonstrating exceptional commitment to excellence.

### CodeChef

*Dec 2021*

*October Cook-off 2021 with a global rank of 122.*