Harsh Vardhan

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Work Experience

Jio Platforms Limited, Bangalore *Backend Developer August 2022 – Present*

- Contributed to designing and delivering seller onboarding, catalog, and inventory management data pipeline with **Spring-Boot Java** and **Kafka,** fed to **VESPA DataStore,** and passed to **Google Retail APIs** that power **100 percent of the catalog of JioMart, Tira, and Ajio.**
- Designed and executed a Development Portal for skills development and employee onboarding in Reliance Retail, using **Spring-Boot** for backend APIs, **ReactJs** in **TypeScript** with the **Ant Design Library**, and **PostgreSQL** as the database to onboard more than **300k employees**.
- Orchestrated the deployment of microservices, leveraging GCP and Kubernetes, utilizing Docker images and JFrog Artifactory to optimize service delivery.
- Implemented ELK on GCP, enhancing monitoring for Data Pipeline services to ensure seamless performance.
- Collaborated cross-functionally with product and design teams to distill requirements, guiding informed design decisions for a resilient multi-tenant system.
- Ensured code excellence through rigorous reviews, elevating overall quality and ensuring on-time project delivery.

Toppr (Acquired By Byjus), Remote *Software Development Engineer July 2021 – August 2022*

- Created a Scheduler as a Service application in **Golang** to replace the Delayed Jobs (occupying **77 %** of delayed invocation in the backend app for Learning App) **Ruby on Rails** Backend service. **Reducing latency by 35 % and 5xx Errors by 90 %**.
- Integrated a new Payment Method for Toppr CRM (in **Django Python**) provided by Ingenico payments as custom EMIs (via. Standing Instructions) that bore **50 percent of total orders**.
- Deviced a Bulk Order tool using **AWS SQS** that handles **100 %** of bulk orders placed via ORM.

Internship

Wealth42, Remote *Data Engineer Intern June 2020 – October 2020*

- Scripted AMC Mutual Funds Portfolio down-loader script (Including **30 major AMCs**), automated the process, and formulated a data model for data exchange in the back-end in JSON using **Python** XLRD.
- Build a user-friendly **Google WebApp on GCP**, leveraging GmailAPI and AppScript. **It enables the org to access Banking Statements and manage email settings for the client.**

Projects

- **Comp Cart**: Created an E-commerce website for computer parts, also added payment method integration with **Stripe API**, using **Django.**
- **Banking APIs:** Build a REST API that gives you information about the bank branch details and all the information about each branch of banks in a city in JSON format using **Django Rest Framework.**

Skills

Languages: **Java, Python, C++, TypeScript, Golang**

Frameworks**: Django, Spring Boot, React**

Databases**: PostgreSQL, Redis, ElasticSearch**

Others**: Kafka, Docker Git, GCP, AWS, Data Structures, Algorithms, System Design, OOPS, Logstash, Kibana.**

Education

Indian Institute Of Information And Technology Gwalior, MP *Bachelor of Technology(CGPA - 7.7/10.0) July 2017 – May 2021*