

HARSH VARDHAN



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Technical Skills

Languages & Databases: Python, SQL, MySQL, PostgreSQL, PHP, HTML, CSS

Frameworks & Tools: FastAPI, Flask, Django, JavaScript, Bootstrap, Postman,

Data Management: Kafka, Elasticsearch, Protobuf, MongoDB

Experience/Projects

TechCospace Technologies

August 2023 – 30 July

2025

Python Developer

Noida, India

Event Sourcing POC | A5-Labs Gaming Company:

- Led backend development for an event-sourcing POC for high-scale gaming applications, enhancing real-time data processing and reliability.
- Utilized Kafka for event streaming, PostgreSQL, and MongoDB for data persistence, and Elasticsearch for optimized data retrieval and indexing.
- Integrated data pipelines to ensure real-time data flow, contributing to a scalable, high-performance backend.
- Employed Protobuf for efficient data serialization, reducing payload size and network traffic.

API Development:

- Developed high-performance APIs using FastAPI and Flask, focusing on scalability to support application growth.
- Designed RESTful services, streamlining system integrations across platforms.
- Used PostgreSQL with query optimizations for efficient data management.
- Collaborated with front-end teams to ensure seamless API functionality.

Druid-Flow Project:

- Created an automated data pipeline using Apache Airflow for workflow management.
- Scheduled and monitored data processing tasks, improving operational efficiency.
- Managed data dependencies, ensuring reliability and scalability in data handling.

ColoredCow Consulting

January 2023 – August

2023

Full Stack Developer

Ranchi, India

- Developed dynamic and responsive web applications with HTML, CSS, and Bootstrap for user-friendly front-end designs..
- Enhanced platform interactivity with JavaScript, building engaging and intuitive features.
- Created robust backend functionalities using PHP, enabling seamless front-end communication.
- Managed MySQL databases, optimizing query performance to support scalability and data integrity.

Achievements

Appreciation Award: Received an award from TechCospace Technologies for hard work, dedication, and excellent performance.

Zero Defect Delivery: Achieved zero defect delivery across all assignments.

Education

Technocrats Institute of Technology

Aug 2018 – Sep 2022

Bachelor of Technology in Computer Science

Bhopal, India