

# Ritik Mehra

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## EDUCATION

GSCE (RGPV), Sagar, Madhya Pradesh, India

2018 - 2022

Bachelors of Technology in Computer Science and Engineering

CGPA: 8.0/10

Activities: 🏆 TechFest Hackathon Winner | 🏅 Silver Medalist (Basketball) - Sagar District

## WORK EXPERIENCE

Vuetra - [vuetra.com](https://vuetra.com) | Netherlands (Remote)

Senior Software Developer (Full-Time)

June -2025 - Present

An AI-powered trading and charting platform that combines real-time analytics, on-chart execution, and community-driven insights for smarter trading decisions.

- Contributing to Vuetra's microservice-based trading platform, developing and optimizing scalable Datafeed and Indicator microservices for real-time analytics and AI-assisted charting.
- Implemented QuestDB for time-series market data storage, enabling high-performance ingestion, querying, and streaming across crypto, forex, and equities.
- Optimizing low-latency pipelines, indicator computation systems, and REST/WebSocket APIs for seamless integration with trading and charting modules.

Apollofy - [apollofy.com](https://apollofy.com) | Toronto, Ontario, Canada (Remote)

Software Developer (Full-Time)

Nov -2023 - Mar 2025

Apollofy is a SaaS company that simplifies app development with tools to boost developer efficiency and productivity.

- Engineered and scaled core SaaS platforms — [MembersPod](#) and [SME GrowthHub](#) — empowering creators, startups, and MSMEs through community engagement and AI-driven business tools.
- Increased engagement by 45% by building real-time Spaces modules (Groups, Forums, Events, Courses, Coaching) with Socket.io-based notifications and integrated feed systems.
- Optimized API performance by 60%, reducing load times for home and space feeds while improving scalability and response efficiency.
- Boosted retention by 30% using OpenAI-powered content suggestions, gamification (rewards, achievements, leaderboards), and automated business report generation.
- Enhanced productivity by 50%+ via an Admin Panel, AI analytics dashboard, and Jira-like task management module enabling real-time moderation, insights, and workflow tracking.

Antino Labs - [antino.com](https://antino.com) | Gurgaon, Haryana, India (Hybrid)

Software Developer (Full-Time)

Aug 2022 - Nov 2023

Antino Labs is a tech consulting firm with 5+ years of experience, providing innovative solutions to global businesses through cutting-edge technologies.

- Improved backend performance by 40% by building scalable and dynamic Node.js architectures for web applications.
- Optimized database efficiency by 35% through well-structured relational and non-relational schemas, enhancing data access and retrieval.
- Reduced code redundancy by 40% by refactoring the codebase, implementing reusable utility functions and OOP principles.
- Enhanced system flexibility across multiple modules, ensuring seamless scalability and maintainability.

SpeEdLabs - [speedlabs.in](https://speedlabs.in) | Hyderabad, Telangana India (Hybrid)

Software Developer (Intern)

Dec 2021 - June 2022

A EdTech product, which provides educational courses, with proper analytical progress reports & Tests.

- Integrated Cashfree payment gateway and enhanced Puppeteer-based PDF rendering with JWT token authorization.
- Introduced Vimeo video upload APIs, whitelisting domains, and storing video metadata in MS-SQL database.
- Optimized file storage and database performance by integrating Azure Blob Storage for uploads and implementing stored procedures for fee management with live notifications with cashfree payment gateways .

Syncross - [syncross.com](https://syncross.com) | New York, US (Remote)

Software Developer (Part-Time)

Dec 2021 - June 2022

- Refactored the codebase, resolving bugs and optimizing performance with reusable functions for improved maintainability.
- Integrated Cashfree payment gateway with webhook handling for seamless transactions and real-time updates.
- Implemented a Jira-like module in MongoDB for efficient task management, including ticket creation, assignment, and status tracking.
- Developed dynamic MongoDB URI generation with dedicated databases for each client.

## PROJECTS

Motion Visualizer

Nov 2021 - Dec 2021

- Built an **Angular-based visualization tool** to plot the relation between **height and time** when a ball drops from **H** with restitution **e**.
- Used **GraphQL** for real-time data updates and backend processing via **Node.js**

Hospital Management App

Sept 2021 - Nov 2021

- Developed backend APIs using **Django Rest Framework (DRF)** with **PostgreSQL ORM**.
- Implemented **session, custom, and token authentication**, and a **custom user model** for hospital logins.

## SKILLS SUMMARY

**Programming Languages:** Python, C, C++, JavaScript, TypeScript, gRPC.

**Web Technologies:** Nodejs, Express, Nestjs, Angular, Vue, React, HTML, CSS3, Bootstrap, WebSocket (Socket.io, WebRTC), GraphQL.

**Databases:** PostgreSQL, MS-Sql-Server, MySQL, MongoDB (No Sql), Redis, Databricks.

**Platforms/Tools:** Kubernetes, Docker, Azure, Google Cloud, CI/CD tools, AWS, Linux, Visual Studio, Git, Vim, Apache Kafka.