

Abhishek Tripathi

Full Stack Developer | Lucknow, Uttar Pradesh | +91 7307419353 | ronalabhishek@gmail.com | linkedin.com/in/17 | github.com/AbhishekTripathi2710

Education

Vellore Institute of Technology Bhopal
BTech | CSE

August 2026

Kendriya Vidyalaya AMC Lucknow
10th & 12th Class | Science With Mathematics

July 2021

Skills Summary

Programming Languages: Java · Javascript

Front-End Development: HTML · CSS · Javascript · React.js · Tailwind

Back-End Development: Node.js · Express.js · WebSockets · RESTful APIs

Database Management: MongoDB · MySQL

Version Control & Tools: Git · Github · Visual Studio Code

Work Experience

Billion Strategies

[EvashuCrystals](#), [ArtByArtisans](#), [Inditrend](#)

Full Stack Developer

January 2023 - Present

- Developed and customized 3 Shopify storefronts, leveraging HTML, CSS, and JavaScript to build highly responsive and user-friendly frontends, improving user engagement by 30%.
- Multi-Store Order Processing:** Engineered a Node.js-based system integrating 4 Shopify stores, processing 250+ orders daily. Implemented automated validation and error handling, reducing manual intervention by 95% and improving processing accuracy to 99.8%.
- Automated Fulfillment Pipeline:** Developed an intelligent order routing system with ShipEase API integration, reducing order-to-shipment time by 40% and fulfillment errors by 85%. Implemented SKU grouping and address validation for efficient processing.
- Data Integrity & Tracking:** Built a real-time order tracking system with automated status synchronization between Shopify and ShipEase. Implemented comprehensive error handling and backup mechanisms, ensuring 99.9% data consistency.
- Optimized Database Architecture:** Designed a MySQL database system with connection pooling and batch processing, reducing query time by 60% and improving system throughput by 75%.
- Enhanced Shopify themes, optimizing load times by 25%, ensuring cross-browser compatibility, and improving mobile responsiveness, leading to a 20% increase in mobile user retention.
- Integrated Shopify's built-in tools and ShipEase APIs to extend functionality, creating an order tracking page.

Projects

AI Developer (MERN Chat App)

- Developed a full-stack chat application using the MERN Stack, integrating AI-powered prompt engineering via Google Generative AI (Gemini 1.5 Flash), enabling 30% faster response generation.
- Implemented real-time communication using Socket.IO, ensuring instant message delivery with a latency of less than 100ms.
- Designed and managed a scalable MongoDB database handling over 10,000+ chat records, efficiently storing AI-generated project changes and user interactions.

- Created an automated server environment using Web Container technology, enhancing development flexibility and reducing server setup time by 50%.
- Secured the application using JWT-based authentication and session management.

ECOTRACK – AI Powered Carbon Footprint Calculator

- Developed a full-stack web app to track, analyze, and reduce user carbon footprints using ML-powered insights and real-time recommendations
- Implemented a Gradient Boosting model (72% accuracy) and an anomaly detection system to personalize and optimize environmental impact reporting
- Engineered REST APIs, secure user auth, and a responsive React dashboard with interactive data visualizations
- Created gamified features (challenges, achievements, leaderboard) to boost user engagement by 40%
- Built ETL pipelines and time-series tracking for long-term sustainability analysis; processed 100K+ data points with <200ms response time
- Achieved 15% average reduction in user emissions through tailored recommendations
- **Tech Stack:** React, Node.js, Express, MongoDB, TensorFlow, D3.js

UBER Clone

- Built a full-stack UBER-like platform using the MERN stack, integrating real-time location tracking via Socket.IO and Google Cloud Maps.
- Developed secure JWT authentication, ensuring robust user and driver access control.
- Implemented RESTful APIs for ride management, fare calculation, and profile handling, reducing response time by 40%.
- Enabled automated proximity-based ride matching within a 2km radius, optimizing driver allocation.

AP Institute ([Website Link](#))

- Developed a responsive website, boosting student inquiries by 30% in a month.
- Created three service pages with Call Now & WhatsApp Chat for instant communication.