

Rishabh Tiwari

Full Stack Developer

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SUMMARY

Full Stack Developer with 1.5+ years of experience building scalable web applications and APIs using React.js, Node.js, NestJS, Fastify, and modern JavaScript. Proficient in REST and GraphQL APIs, database design, and ERP-based enterprise systems. Skilled with MySQL, MongoDB, and PostgreSQL. Experienced in Python, Django REST Framework, AI-assisted development, and LLM-based integrations.

EXPERIENCE

Opland Technologies Pvt. Ltd. | Full Stack Developer 03/2025 – Present | Bangalore, India

- Developed ERP modules for employee workflows, approvals, and activity tracking using React.js and Node.js.
- Built scalable REST and GraphQL APIs using Fastify and TypeORM with role-based access control.
- Designed database schema, migrations, and audit logging using TypeORM and MySQL.
- Optimized MySQL queries and backend logic, improving API response time and performance.
- Implemented approval workflows, activity tracking, and role-based access control in ERP modules.
- Integrated third-party APIs and authentication systems for secure service communication.
- Tested APIs using Postman, Swagger, and Bruno; collaborated on production deployments.
- Debugged and deployed live ERP systems used by enterprise clients.
- Explored GenAI and Agentic AI workflows using Cursor AI and Google AI Studio.

EDUCATION

B.Tech in Electronics & Communication | CGPA: 7.8 08/2020 – 06/2024 | Madhya Pradesh

Oriental Institute of Science & Technology, MP

Class 12 (CBSE) | CGPA: 7.6 04/2018 – 03/2019 | Madhya Pradesh

Kendriya Vidyalaya

SKILLS

Programming Languages

Python, JavaScript (ES6+)

Backend Technologies

Node.js, Express.js, NestJS, Fastify, Django, Django REST Framework, REST APIs, GraphQL

Tools & Platforms

Git, GitHub, Postman, Swagger, Bruno, VS Code, Cursor, Render, Vercel, Azure DevOps

Front-End Technologies

React.js, Next.js, Angular, React Native, Redux, Zustand, TanStack, HTML5, CSS3, Tailwind CSS

Databases

MySQL, MongoDB, PostgreSQL, Redis

AI / GenAI Skills

Prompt Engineering, LLM Integrations, OpenAI API, Agentic AI, Google AI Studio, Cursor AI

PROJECTS

ESG Emissions Data Platform 05/2026 – 05/2026

Django REST Framework, React.js, PostgreSQL, Tailwind CSS, Render

- Built a full-stack emissions data ingestion platform for enterprise carbon tracking across GHG Protocol Scope 1, 2, and 3 categories.
- Designed parsers for enterprise datasets including SAP fuel exports, utility electricity CSVs, and corporate travel data.
- Implemented emission factor calculations using DEFRA 2023 emission standards.
- Built analyst review workflow with approve, reject, flag, and lock actions along with immutable audit trail tracking.
- Developed scalable REST APIs using Django REST Framework with PostgreSQL integration.
- Deployed the application on Render with production PostgreSQL hosting.
- Live: breathe-esg-51r8.onrender.com

ACHIEVEMENTS

- National-level volleyball and taekwondo player.
- Passionate about AI-assisted development workflows and GenAI tooling.
- HackerRank Certificate – JavaScript (Problem Solving)
- Participant – Tata Steel AI Hackathon