# Kritebh Lagan Bibhakar

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## **EDUCATION**

Rungta College of Engineering and Technology B. Tech in Computer Science and Engineering 2019 - 2023

#### EXPERIENCE

Full Stack Developer Rubick (Textmercato)

June 2023 - Present

- Engineered and optimized a robust order management system, automating key workflows and reducing manual effort by over 60%.
- Enhanced backend performance by cutting API response times from 1000ms to 15ms through strategic in-memory caching integration.
- Implemented Gzip compression, resulting in a 7x–9x reduction in API response sizes, boosting overall efficiency and lowering bandwidth usage.
- Integrated a Content Delivery Network (CDN), improving static asset delivery speeds from 1.2s to 100ms, directly enhancing frontend load performance.
- Deployed and maintained RabbitMQ, Redis and PostgreSQL on self-managed VMs, ensuring reliable message queuing and data persistence.
- Handled cloud infrastructure and deployments on Google Cloud Platform
- Tech Stack: Nest.js, MongoDB, Auth0, TypeScript

Software Engineer Intern Rubick (Textmercato)

June 2022 - June 2023

- Led the frontend development of the Rubick.ai static homepage, delivering a responsive and cross browser compatible interface using HTML, CSS, and JavaScript.
- Developed and maintained RESTful APIs for core features including user registration, OTP verification, and Razorpay payment gateway integration, achieving 90–95% unit test coverage using Chai and Mocha.
- Collaborated with cross-functional teams to ensure seamless integration between backend services and frontend components.
- Applied Hapi.js for scalable server-side logic, Joi for schema validation, and implemented best practices for API security and error handling.

## SKILLS

Languages: JavaScript, C++, Python

Databases & Tools: MongoDB, PostgreSQL, Redis, RabbitMQ, Git, Unit Testing (Chai/Mocha), Docker Web: React, Redux, Tailwind, Node.js, Express.js, MongoDB, HTML, CSS

## **PROJECTS**

## Full-Stack eCommerce Platform

GitHub

- Engineered a fully functional eCommerce web application with dynamic product listings, cart management, and a complete checkout workflow including PayPal integration.
- Implemented admin dashboards for managing products, users, and orders, with features like delivery tracking and order detail management.
- Achieved 82+ GitHub stars and 70+ forks, reflecting strong community interest and real-world usability.
- Technologies Used: Django, React, Redux, PostgreSQL, PayPal SDK

Team Messaging App

GitHub

- Built a full-stack real-time chat app with user authentication, direct messaging, and support for channel-based communication
- Integrated WebSocket (Socket.io) for instant message delivery and live user status updates.
- Technologies Used: Express.js, MongoDB, Socket.io, Ejs

## Codemeter (NPM Package)

GitHub | NPM Link

- Developed an NPM tool to count lines of code in a project with support for multiple file types.
- Provides line count breakdown by file extensions (e.g., .js, .cpp, .py).
- Technologies Used: Node.js