

Kritebh Lagan Bibhakar

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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.
- Integrated Prometheus and Grafana for monitoring backend services.
- Managed cloud infrastructure and deployments across Google Cloud Platform and AWS, including cost optimization and storage lifecycle management.
- Reduced AWS infrastructure costs by 20% through CloudFront bandwidth and storage optimization and archiving historical data to Amazon S3 Glacier.
- **Tech Stack:** Nest.js, MongoDB, Auth0, TypeScript, AWS, React, Python, FastAPI

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, Langchain, Numpy, Pandas
Web: React, Redux, Tailwind, Node.js, Express.js, MongoDB, HTML, CSS

EDUCATION

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

2019 – 2023

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