

Anurag Dhamala
Senior Software Engineer

Contact

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SUMMARY

Experienced Software Engineer with 4+ years in building scalable applications. Skilled in backend development with Node.js and Java, and proficient in full-stack systems and software architecture. Proven leader in delivering impactful projects, mentoring teams, and contributing to open-source communities. Passionate about clean code, performance optimization, and developer advocacy.

SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, NodeJs, Express, Java, Spring Boot, Micronaut, ReactJs, Next.js, Svelte, Sveltekit
 - **Architecture:** REST, gRPC, GraphQL, Microservices
 - **Databases:** MongoDB, PostgreSQL, ScyllaDB, Redis, ElasticSearch
 - **Tools & Platforms:** Docker, Kubernetes, Git, Linux, GCP, Stripe, Nats
 - **Others:** Library development, WebRTC, LiveKit, Strapi, Headless CMS, Technical Writing
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EXPERIENCE

Hamro Patro Inc – Kathmandu, Nepal

Senior Software Engineer / Team Lead

(Jan 2024 – Present)

- Responsible for technical decisions, team coordination, and code quality across projects.
- Guided architecture for scalable applications serving thousands of users.
- Worked closely with cross-functional teams to ensure delivery and deployment.

Senior Software Engineer

(Aug 2022 – Dec 2023)

- Led development of critical modules including payment systems and real-time features.

- Mentored junior engineers and reviewed team codebases.
- Introduced internal SDKs, reusable components, and documentation practices.

Software Engineer

(Nov 2021 – July 2022)

- Developed REST APIs and microservices for key features across multiple platforms.
- Collaborated with frontend teams to deliver full-stack solutions.
- Improved application performance and reliability.

Associate Software Engineer

(Mar 2021 – Oct 2021)

- Assisted in backend development using Node.js and Java.
- Integration of third-party APIs and internal tools.

GridFusion, Inc – Remote (USA)

Software Engineer (Part-time)

(Feb 2024 – Dec 2024)

- Contributed to backend performance optimization and architectural improvements.

Deerwalk Training Center – Kathmandu, Nepal

MERN Stack Trainer

(Aug 2023 – Nov 2023)

- Trained aspiring developers in JavaScript, React, Node.js.

PROJECTS

Hamro Chat

Real-time messaging system.

- Designed messaging system architecture using gRPC and Redis Pub/Sub.
- Designed and implemented SSE Server for a scalable chat system.
- Built reusable SDKs in Node.js and Svelte for cross-platform integration.

Hamro TeleHealth — health.hamropatro.com

Online healthcare platform.

- Developed WebRTC features and backend APIs using Spring Boot.
- Migrated the entire video calling stack (frontend and backend) to LiveKit.
- Ensured platform scalability and reliability for telemedicine services.

Hamro Chautari — chautari.hamropatro.com

Video calling platform.

- Built a group video conferencing platform with LiveKit and React.
- Re-architected backend services in Micronaut for performance gains.

Easy Send — easysend.hamropatro.com

Remittance platform with Nabil Bank.

- Led backend system development in Java with Micronaut, Redis, ScyllaDB.
- Supports 10k+ active users and is generating significant revenue.

Hamro Gifts — gifts.hamropatro.com

Cross-country eCommerce platform.

- Integrated Stripe 3DS payments and GraphQL APIs using Reaction Commerce.

Let's Read Asia — letsreadasia.org

Free digital library for children in multiple languages, used worldwide.

- Developed frontend with Next.js and Redux Toolkit.
- International literacy platform with millions of active users globally.

Additional Contributions as a Software engineer:

- Created internal SDKs and NPM packages for team use.
- Developed and deployed headless CMS platforms with Strapi + PostgreSQL.
- Maintained legacy systems and provided ongoing support to engineering teams.
- Working on outside projects on Next.js, vanilla JS etc. as a freelancer.
- Containerizing both front and back end projects for deployment in Kubernetes.

EDUCATION

Bachelor of Information Technology

Texas College of Management and IT – Kathmandu, Nepal

Aug 2018 – Jan 2023

LANGUAGES

English, Nepali, Hindi

References available upon request.