

AABISHKAR ARYAL

SOFTWARE DEVELOPER 📍 BUTWAL, NEPAL 📞 +977-9847024119

◦ DETAILS ◦

Butwal
Nepal
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◦ LINKS ◦

[Website](#)
[LinkedIn](#)
[Github](#)

◦ SKILLS ◦

Go
React
Javascript/Typescript
Nodejs
SQL
CI/CD
AWS/GCP
MongoDB
Docker
Kubernetes
WebAssembly

◦ LANGUAGES ◦

Nepali
English
Hindi



PROFILE

Full-stack software developer with 7+ years programming experience and 4+ years professional experience. Expert in Go and JavaScript/TypeScript with proven leadership in scaling high-performance backend systems. Led cross-functional teams delivering scalable backend solutions.



EMPLOYMENT HISTORY

Senior Software Engineer at Purplease Technologies

March 2022 — July 2025

Overview:

Technology consulting company serving European startups and enterprises. Led development of in-house products and delivered solutions for health-tech and logistics clients.

QRCite

Senior Software Engineer (Apr 2024 – Jul 2025)

- Led cross-functional **team of 5 developers** building QR-based dynamic content management platform
- Enhanced platform performance by **20%** through **memory optimization and database tuning**
- Built QR generation system producing up to **100,000 QR codes per PDF batch** reducing memory usage by **>60%**
- **Delivered visual website builder** reducing client setup time from **hours to minutes**
- **Achieved 99.5% platform up time** through micro-services architecture and monitoring
- Modified open-source Go libraries for **WebAssembly** compilation

Client Projects

Software Developer (Mar 2022 — Apr 2024)

- **Contributed to logistics platform architecture** handling thousands of daily deliveries
- Transitioned **core services from monolith to 3 micro-services**
- Transformed **YAML-based configuration** system to **GUI-based survey builder** eliminating syntax errors for non-technical medical staff
- Led team of **3 junior developers** on health-tech platform serving medical professionals
- Implemented survey builder and performance monitoring identifying **multiple performance bottlenecks**

NodeJS Developer at Nepali Things

March 2021 — December 2021

- Developed event management platform processing 180+ events with 15,000+ ticket sales
- Integrated Stripe payments (\$20,000+ transaction volume) and QR code validation system
- Reduced infrastructure costs by 25% migrating from AWS to Render



EDUCATION

- Bachelors of Computer Engineering, Lumbini Engineering College, Butwal

★ PROJECTS

○ 89 Transfers - Tourist Transport Booking Platform

2023

Type: Freelance

Built and optimized a high-performance booking system for tourist transport services in Mallorca, handling flight data integration, dynamic pricing, and multi-channel notifications.

- Transformed NestJS monolith to Go micro-services, reducing memory usage from **1 GB to 20 MB per service**
- Improved response times from **2 seconds to 150 ms** during peak operations
- Built automated flight data scraping system processing **200,000+ flight records daily** (365-day forward scheduling)
- Integrated multiple external API: **Flight Aware, Google Maps, Stripe payments, GCP Pub/Sub** messaging
- Designed event-driven notification system with **Slack, Telegram, Email, Google Sheets, and calendar** integration
- Reverse-engineered legacy NestJS codebase for seamless user experience migration
- Enabled real-time pricing updates based on distance, passenger count, time, and special requirements eliminating manual redeployments