BISWASH DHUNGANA

LinkedIn ⋄ GitHub ⋄ GitLab ⋄ LeetCode ⋄ Portfolio

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EDUCATION

Pokhara University   *November 2019 - August 2024*
Bachelor in Software Engineering
GPA: 3.62

Shree Amarsingh Secondary School   *August 2016 - July 2018*
NEB

WORK/TRAINING EXPERIENCE

Aarambhait   June 2024
Frontend Intern   *Gairapatan, Pokhara*

· **Tishy & Co Restaurant Platform**

- Made frontend components and implemented authentication (OAuth and password-based).
- Collaborated with design and backend teams to ensure seamless integration.

Aava Technology Nepal   December 2024 - May 2025
Fullstack Developer   *Kamalpokhari, Kathmandu*

· **EasyUnsub Email Client**

- Built scalable backend services in Node.js (TypeScript), integrating email providers like Outlook, Imail, and Gmail with Firebase for authentication and real-time functionality.
- Implemented Play Console payment verification, promo code management, and admin panel APIs to manage users, analytics, and configurations.
- Optimized system performance and scalability through efficient code design and architecture improvements.

· **MazzakoTrip - Flight Booking Platform**

- Developed booking system supporting B2C, B2B, and real-time socket-based chat and notification with Redis Adapter for scalable WebSocket communication.
- Built REST APIs for booking, user management, and other platform operations.

Golden Technosoft IT Genius Solution   May 2025 - June 2025
Fullstack Developer   *Remote*

· **Mazzakotrip**

- Continued with mazzakotrip project and provided the support for both devops and backend.

TechShark   June 2025 - Present
Backend Developer   *Remote - US*

· **Uheardd**

- Platform is for the historically black colleges and universities, where we curate the offers, services, and scholarships that are available for black people.

- Resume feedback, Company programs, and scholarships.

- Advisors, Instructor to guide the students

· <u>**Friends and the city**</u>

- Users can select the events they are going to; events are streamed from Ticketmaster's discovery feed to our database.

- Users can get recommendations of other users to talk to, where they share interests and events they are going to, so they can go together.

· <u>**AttenZone**</u>

- Guard management web application, which tracks guards for the client, guard office, and the admin of the platform.

- Map to visualize the guard movement, login, and logout for attendance, client assignment, and admin notification if the guard moves far away from the assigned location's threshold radius.

SKILLS

Frontend: TypeScript, TailwindCSS, React.js, Next.js, Astro, Hugo, Framer Motion
Backend: Go (std lib, Go Fiber), Node.js (Express.js), Socket.io, tsoa, OpenAPI(swagger), Hono, Serverless
Databases: Prisma, Drizzle, PostgreSQL, Redis, MongoDB, Firebase, SQLite
Others: Git, GitHub, GitLab, Linux, Cloudflare, Netlify, Vercel

PROJECTS

1. **Hotel Booking Application**
   - Features client and admin views with a real-time room reservation.
   - Preview hotels, rooms, and pricing; images stored via Cloudinary.

   ```
   Tools Used:  React.js, SASS, MUI, Node.js, Express.js, JWT, Socket.io
   ```

2. **BackDate - GitHub Activity Graph Painter**
   - A tool to fetch GitHub activity and allow users to paint over the activity graph.
   - Generates a JSON file for a Go script to create a Git repository with backdated commits.
   - Pushing the repository to GitHub updates the activity graph with the painted design.

   ```
   Tools Used:  React, Go, Git, GitHub API
   ```

3. **Learniverse - Personalized Learning by AI Generated Tests**
   - Role-based authentication for learners and teachers.
   - Teachers can create courses with videos, chapters, and pricing; students can enroll, pay, and participate in quizzes.

   ```
   Tools Used:  Next.js, UploadThings, MUX, Prisma (MongoDB), Stripe, Clerk
   ```

4. **Realtime Chat Application**
   - Real-time chat using JWT authorization and room-based messaging.
   - Seamless navigation with React Router 6.

   ```
   Tools Used:  React, TypeScript, TailwindCSS, Shadcn/UI, Express, Socket.io, Clerk
   ```

5. **S3 Gallery - Role-Based Media Sharing Platform**
   - Role-based access control (Admin, User) with authentication and profile management.
   - Upload and manage images directly on AWS S3 with React Query integration.
   - Next.js MDX for blog/content support, gallery view with likes, and personalized profiles.

- Admin panel for moderation and activity insights.

Tools Used: Next.js, Drizzle, React Query, AWS S3, Framer Motion

6. **UD Engrave - Portfolio & Order Management**
   - Portfolio website showcasing UD Enterprise's laser engravings.
   - Order placement, tracking, and management system with real-time updates.
   - Admin dashboard to manage products, orders, and customer inquiries.

Tools Used: Next.js, Drizzle, TailwindCSS, PostgreSQL- Neon, React Query, Framer Motion