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 - Present
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.

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)
Databases: Prisma, 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. **File Upload/Download Server**
   - Authenticated users can upload and manage video files.
   - Superusers manage uploads; users can stream stored videos.

   Tools Used: `React.js, TypeScript, TailwindCSS, Express, Multer`

6. **Other Projects**
   - Next.js blog website and multi-stage form with React Query.
   - Prisma CRUD operations and data seeding.
   - Portfolios built with Framer Motion for dynamic presentations.
   - Gallery with role-based action and admin panel using Next.js & backend hosted on Supabase.

   Tools Used: `Prisma, Redis, Next.js, Go, Go Fiber, Framer Motion, Zustand`