Animesh Acharya, Full Stack Developer

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Profile

Resourceful and driven Computer Science student with hands-on experience in full-stack web development, specializing in **Next.js, Tailwind CSS, and modern UI frameworks**. Skilled in building responsive, performance-focused applications, integrating APIs, and optimizing for SEO. Adept at problem-solving, quickly learning new technologies, and managing projects from concept to deployment. Demonstrates a strong balance of technical expertise and creative design thinking, with a track record of delivering practical, user-centric solutions.

Employment History

Front End Developer, Dasra Pvt. Ltd., Imadol, Lalitpur
Feb 2024 — Dec 2024

- Gained in-depth knowledge of design best practices, focusing on creating user-friendly and visually appealing interfaces.
- Successfully contributed to a real-world project, demonstrating practical application of technical skills.
- Independently developed a full-stack application, showcasing expertise in both front-end and back-end technologies.
- Enhanced and refined front-end development skills, emphasizing responsiveness, performance, and modern frameworks.

Full Stack Developer, Raju BPO Solutions, Dhapakhel, Lalitpur
Sept 2025 — Present

- Developed and maintained dynamic, responsive websites using WordPress with custom themes and plugins.
- Acquired in-depth knowledge of web hosting environments, including Bluehost, GoDaddy, and other major platforms.
- Gained hands-on experience with GoHighLevel, integrating CRM and automation tools to optimize business workflows.
- Collaborated with cross-functional teams to deploy, troubleshoot, and optimize live client websites for performance and scalability.

Education

Bachelor of Science in Computer Science and Information Technology, Vedas College, Jwalakhel
Apr 2022 — Present

High School Diploma, St. Xavier's School, Godawari
Jul 2019 — Dec 2021

Skills

- **Frontend & Frameworks:** HTML, CSS, JavaScript, React, TailwindCSS, TypeScript, Bootstrap, ShadCN/UI
- **Backend & Databases:** NextJS, ExpressJS, RestAPI, NodeJS, JWT, MYSQL, Prisma, PostgreSQL, MongoDB, Redis
- **DevOps:** Git, Vercel, Github, Docker
- **Package Manager:** bun, yarn, npm

Languages

- **Nepali:** Fluent
- **English:** Advanced
- **Hindi:** Intermediate

Projects

Othello Master (*Jul 2025*)

- A modern implementation of the classic Othello strategy game with AI opponents and smooth gameplay. *Technology Used:* NextJS, Tailwind CSS, ShadCN/UI
- Site: https://othello-wine.vercel.app/

The Woods Charikot Resort (*Jul 2025*)

- Built a dynamic website with Sanity as the backend CMS.
- Developed a dynamic website with advanced SEO support. *Technologies Used:* Next.js, Tailwind CSS, Sanity, ShadCN/UI
- Site: https://thewoodscharikot.com

PeerCrypt (*Sept 2025*)

- Peer-to-peer file sharing system with end-to-end encryption and optimized transfer.
- Implemented AES-256-CTR encryption for file confidentiality and per-chunk IVs to prevent replay/structure leaks.
- Designed and implemented chunking with resumable transfers, parallel chunk upload/download, and SHA-256 chunk integrity checks to allow robust, efficient large-file transfers.
- Built secure peer signaling and NAT traversal using WebRTC (datachannels) with TURN/STUN fallback for reliability across networks.
- Performance optimizations: adaptive chunk sizing, parallelism control, and backpressure handling to maximize throughput while preserving responsiveness on mobile devices.
- Tech: Next.js, React, Tailwind CSS, ShadCN/UI for the frontend; Node/Express signaling server; WebRTC datachannels; Crypto/Web Crypto APIs for encryption; Prisma/Postgres for optional metadata persistence.
- Result: Reliable, secure peer transfers with low-latency UX, resumable large-file transfers, and strong compatibility across browsers and mobile networks.
- Site: https://secure-drop-ten.vercel.app/