

Amardeep Singh

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📋 PROFESSIONAL SUMMARY

- Full-stack web developer with practical experience building complete web applications independently. Skilled in designing, developing, and deploying scalable applications using modern frontend and backend technologies. Comfortable taking ownership of projects from planning to deployment.
- Beyond development, I bring graphic design expertise (logos, posters, banners, templates, svg) and digital marketing success—having grown a Facebook page to 500K followers and YouTube channel to 170K subscribers.
- A self-learner with the ability to quickly understand new technologies and adapt, whether it's backend systems, frontend design, or even advanced fields like AI. This unique blend of technical development, design, and marketing skills enables me to build better digital solutions

🔧 TECHNICAL SKILLS

- **Frontend** – HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind, Shadcn, Framer Motion, GSAP
- **Backend** – Node.js, Express, REST APIs, WebSocket, Prisma, Mongoose,
- **Database** – MongoDB, Postgresql,
- **Tools & DevOps** – Git/GitHub, Docker, VS Code,
- **Authentication & State Management** – NextAuth.js, Clerk, Tanstack/React Query, redux, Zustand
- **Design & Editing** – Adobe Photoshop, Adobe illustrator
- **Currently learning**—AWS, Monitoring and logging, Grafana, Prometheus, NewRelic

💼 EXPERIENCE

Web developer - Self-Learning & Independent Projects (Jan 2024 - present)

Since 2024, I have been independently learning full-stack development and building real-world projects.

Major Projects

1. Real-Time Communication Platform (Live Project)

Next.js 15 | Prisma | Socket.io | Postgresql | TypeScript | Tailwind | Shadcn | Clerk | Zod | Tanstack/query | Zustand | framer-motion

- Built a full-stack real-time communication platform with servers, channels, and direct messaging.
- Implemented WebSocket-based live messaging with support for text, files, emoji, edits, and deletes.

- Added role-based permissions (Owner/Admin/Moderator/Guest) with controlled actions across servers and channels.
- Integrated Clerk for authentication, secure sessions, and protected routes.
- Built channel system supporting text, audio, and video channels with admin-only creation/deletion.
- Designed a responsive, modern UI with Tailwind + Shadcn, including dark/light mode support.
- Deployed on vercel (Live project Link) - <https://discord-clone-lemon-xi.vercel.app/>
- Repo (with screenshots): <https://github.com/Amardeep0851/Discord-clone/>
- Credentials for testing - Email: em.amardeep@gmail.com, Password: fullstack@98550

2. Financial Management Web App – SaaS (Live Project)

Next.js | Hono | TypeScript | Prisma | PostgreSQL | Clerk | Tailwind | Recharts | TanStack Query | Zustand | zod |

- Built a full-stack finance management system with account, category, and transaction handling.
- Implemented end-to-end type safety to eliminate runtime type issues.
- Added secure authentication (Clerk) and strict schema validation using Zod.
- Improved UX performance with client-side caching and stale-while-revalidate patterns using TanStack Query, plus optimistic updates for instant feedback on add/edit/delete actions.
- Created an interactive analytics dashboard (Recharts) with multiple chart types and date-range filters to surface income/expense insights and trends.
- It helps users efficiently track income, expenses, and financial insights through dynamic charts, tables, and analytics.
- Deployed on Vercel (Live project Link) - <https://finance-jet-six.vercel.app/>
- Repo (with screenshots): <https://github.com/Amardeep0851/Finance>
- Demo video - <https://www.youtube.com/watch?v=2jXM6hTxXME>
- Credentials for testing - Email: em.amardeep@gmail.com, Password: fullstack@98550

3. Education Consulting Landing Page (Live Project)

Next.js | TypeScript | Tailwind | Zod |

- Designed and developed a responsive, professional landing page for a study-abroad consulting business.
- Optimized a static Next.js landing page to achieve an initial load size of ~511 KB.
- Implemented image optimization, code splitting, and static rendering to minimize initial payload.
- Ensured fast first load while keeping rich visual content for later rendering.
- Followed compliance-aware UI practices for education and consulting domains.
- Deployed on Cloudflare (Live project Link) - <https://admit-letter.pages.dev/>
- Repo (with screenshots): <https://github.com/Amardeep0851/admit-letter>

Self-employed | 2017 to 2022 (Digital Marketing)

- Managed end-to-end content lifecycle: researched topics, wrote scripts, created videos, and designed thumbnails.
- Grew 3 YouTube channels (68K, 57K, 170K subscribers) and 3 Facebook pages (42K, 129K, 500K followers).
- Experienced with tools: Facebook Ads Manager, YouTube Studio, Adobe Photoshop, Adobe Video.

Early Web Development Experience (2013-2017)

- In College, I was good in programming and I won several competitions in different colleges.
- Gained strong foundational knowledge in HTML, CSS, JavaScript, PHP, MySQL, and Laravel
- In these four years I Created several web development projects individually and with peers.

EDUCATION

Msc (IT) 2015	DAV College, Jalandhar	Guru Nanak Dev University	65%
Bsc (IT) 2013	DAV College, Jalandhar	Guru Nanak Dev University	65%
12th (Commerce) -2010	Labhu Ram Doaba School, Jalandhar	Punjab school education board	64%

LANGUAGE PROFICIENCY

- Punjabi – Native (Mother tongue)
- Hindi – Fluent (National language)
- English – Strong listening, quite good in speaking and writing.

KEY STRENGTHS

- Strong in planning, observation, analysis, and creative thinking.
- Always eager to explore and work with new technologies and tools.
- Continuously improving knowledge of modern technology and industry trends.
- Self-motivated and able to work independently or in a team setting.