

# UJJWAL NEPAL

## Full Stack Developer

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## PROFESSIONAL SUMMARY

Mid-Level Full Stack Developer with 1+ years of hands-on experience in **JavaScript, TypeScript, React, Node.js**, and modern web technologies. Proven ability to develop scalable backend systems and responsive frontend applications. Experienced in **REST API development, database optimization, and Agile methodologies**. Currently expanding expertise in **NestJS** and **Angular** for enterprise-level projects. Available for immediate joining.

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## TECHNICAL SKILLS

**Programming Languages:** JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

**Frontend Technologies:** React.js, Angular (Learning), Next.js, Redux, Tailwind CSS, Bootstrap, Responsive Design

**Backend Technologies:** Node.js, Express.js, NestJS (Learning), REST APIs, JWT Authentication

**Databases:** MongoDB, PostgreSQL, Database Optimization

**Development Tools:** Git, GitHub, Jira, Postman, VS Code

**Additional Technologies:** Clerk Authentication, GetStream.io, Shadcn/UI, Stripe Integration

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## PROFESSIONAL EXPERIENCE

### Junior Web Developer

Bits Panda, Nepal | Aug 2025 – Present

- Developed and maintained **full-stack web applications** using **React, TypeScript, Redux, and Node.js**
- Built and optimized **REST APIs** with Express.js, achieving **20% latency reduction**
- Implemented secure **authentication and authorization** systems using **JWT and Clerk**
- Designed **responsive user interfaces** with **Tailwind CSS**, resulting in **30% improved user retention**

- Participated in **Agile development** processes including sprint planning, daily standups, and code reviews
- Gained practical experience with **NestJS** and **Angular** for scalable enterprise applications
- Collaborated with cross-functional teams to deliver high-quality software solutions

## Web Development Intern

Bits Panda, Nepal | Mar 2025 – Jul 2025

- Built dynamic web applications using **React.js**, **Node.js**, and **MongoDB**
- Enhanced application performance through **lazy loading** and **code splitting**, improving load times by **2.8 seconds**
- Improved **mobile usability** by **15%** through implementation of responsive design principles
- Participated in code reviews and followed best practices for clean, maintainable code

## Video Editor & Graphic Designer

Bindabasini Music, Nepal | Jan 2025 – Apr 2025

- Produced and edited promotional video content for digital marketing campaigns
- Created graphics and thumbnails for **20+ projects** while meeting tight deadlines
- Collaborated with creative team to maintain brand consistency across all media

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## KEY PROJECTS

### Kura-Kani – Real-Time Video Calling Application

Technologies: React, TypeScript, Express.js, GetStream.io, JWT

- Developed secure **real-time video communication platform** serving **100+ concurrent users**
- Implemented **JWT-based authentication** and secure user management system
- Built scalable backend architecture with real-time data synchronization

### Practice Questions – AI-Powered Study Tool

Technologies: Next.js, TypeScript, Gemini API, React

- Created **AI-driven study question generation** system using advanced language models
- Automated content preparation process, **reducing manual work by 40%**
- Built responsive frontend with modern React patterns and TypeScript

### Live Docs – Collaborative Document Editor

Technologies: React, Next.js, TypeScript, Liveblocks, Real-time APIs

- Developed **real-time collaborative editing platform** supporting **50+ simultaneous users**
- Implemented **version control system** with real-time notifications and conflict resolution

- Built scalable architecture for document synchronization and user management

## E-Commerce Platform

**Technologies:** React, Node.js, MongoDB, Stripe, REST APIs

- Built comprehensive **full-stack e-commerce solution** with secure payment processing
  - Integrated **Stripe payment gateway** for secure transaction handling
  - Developed **sales analytics dashboard** with data visualization and reporting features
  - Implemented inventory management and order processing systems
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## EDUCATION

### Bachelor of Science in Computer Science and Information Technology (BSc. CSIT)

**ASCOL, Tribhuvan University | Jan 2022 – Present**

- Relevant Coursework: Data Structures, Algorithms, Database Management, Software Engineering, Web Technologies

### Higher Secondary Education (+2 Science)

**Xavier International College | Aug 2019 – May 2021**

- Mathematics, Physics, Chemistry with Computer Science
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## ADDITIONAL QUALIFICATIONS

- **Immediate Availability** for full-time remote or hybrid positions
- Strong problem-solving and analytical thinking abilities
- Experience with **Agile/Scrum methodologies**
- Excellent communication and collaboration skills
- Self-motivated learner with passion for emerging technologies
- Experience working in fast-paced development environments