

Dixanta Nath Shrestha

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PROFESSIONAL SUMMARY

Full Stack Developer with proven experience in scalable React and Node.js applications. Led backend refactoring and built secure, reusable frontend components. Collaborative team-oriented focused on clean code, best practices, and taking initiative in complex projects.

WORK EXPERIENCE

Full Stack MERN Developer

Bechchha Tech Pvt. Ltd.

March 2025 - Present

Kamalpokhari, Kathmandu

- **eSales Nepal:**
 - Handled full-stack development, overseeing business rules, system architecture and deployment strategies.
 - Built modern admin and vendor dashboard with *JWT auth, TanStack libraries, Axios and, Zod*.
 - Configured VPS, managed deployment, implemented database backups and optimized performance for scalable production readiness.
 - Built *REST APIs* with pagination, sorting, logging, rate-limiting and RBACs for fast and scalable data access.
- **Bechchha WebApp:** Refactored backend (*Node.js*) architecture and database schema to improve maintainability and updated frontend with modern *React* libraries.
- Mentored teammates by clarifying business logic, improving code quality, and enabling confident production contributions.

Frontend Internship

Spices Research & Consulting Pvt Ltd, (*Business vertical of F1Soft*)

April 2024 - July 2024

Manidown, Lalitpur

- Built and optimized React components for the Providhy project, improving UI/UX for purchase, sales, and master dashboard.
- Developed a custom Nepali date picker from scratch, solving the limitations of existing libraries.
- Worked closely with cross-functional teams to deliver solutions to meet project's requirements.

PROJECTS

- **Employee Insurance System (React, Node & MySQL)** – Developed a system allowing companies to subscribe to insurance, employees to make claims, and insurers to process them digitally.
- **Cafeteria Ordering System (Java RMI & MySQL)** – Built a Java-based ordering system using Java RMI, MySQL, and Java Swing for real-time order processing.
- **Library Management System (Database Design)** – Designed a SQL Server-based system utilizing stored procedures, triggers, and optimization techniques for efficient user and book management.
- **Appointment Booking System (AWS & Next.js)** – Implemented a cloud-based Next.js application on AWS using S3, EC2, and VPC for scalable appointment scheduling.
- **Netflix UI/UX Case Study** – Redesigned Netflix's interface based on HCI principles using Figma to enhance user experience.

Additional Projects: On-Demand Ambulance Booking Service(MERN), Employee Attrition Data Analysis(R), Food Ordering System(.NET), MusicSync (React & Socket.io), Markdown Live Editor (React)

EXTRA CURRICULAR ENGAGEMENTS

- **Event Advisor, HackxLBEF (Hackathon)**- Provided advice and support in planning and executing HackxLBEF, contributing to its success.
- **Event Leadership & Coordination:** Organized multiple college events (Dashain, Christmas, Winter Fest), collaborating with teams and administration to develop leadership and teamwork skills.
- **President, Student Representative Council (SRC), LBEF** - Represented the student body, collaborated with administration for student welfare, and led the organization of Winter Fest.
- **Private Tutor:** Provided one on one tutoring, developing communication, and mentoring skills.

SKILLS

- **Languages:** JavaScript, TypeScript, Java
- **Frontend:** React, Next.js, HTML, CSS, Tailwind CSS
- **Backend:** Node.js, Express.js, Nest, ORM
- **API & Protocols:** REST, Web Sockets
- **Testing:** Jest, Supertest, Postman
- **Database:** MySQL, SQL Server, MongoDB, Redis
- **Deployment:** Linux, Docker, Git/GitHub, AWS, VPS configuration
- **Other Technologies:** Go, .NET (C#), Django, Cloudinary

COURSES

- **The Complete Full-Stack Web Development Bootcamp** Angela Yu, Udemy
- **The Ultimate React Course** Jonas Schmedtmann, Udemy
- **NodeJS - The Complete Guide** Maximilian Schwarzmüller, Udemy
- **Data Analysis With Python** freeCodeCamp

EDUCATION

MSc in Information Technology Management

Lord Buddha Education Foundation College

Asia Pacific University of Innovation and Technology (Affiliation)

(November 2025 - Present)

Maitidevi, Kathmandu

Malaysia

BSc (Hons) Information Technology

CGPA

Lord Buddha Education Foundation College

Asia Pacific University of Innovation and Technology (Affiliation)

(2022-2025)

3.84/4.00

Maitidevi, Kathmandu

Malaysia

HOBBIES

- **Motorsports (F1) enthusiasts:** Watching races and playing simulators
- **Watching Movies:** Exploring different genres and languages of movies
- **Problem solving and puzzles:** Online puzzles like sudoku, quizzes, etc.

References will be provided upon request.