CYRUS MAHARJAN

Kathmandu, Nepal

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PROFILE

Motivated Backend Developer experienced in building secure APIs, managing databases, and delivering scalable solutions through practical full-stack projects. Passionate about contributing to innovative tech teams and developing high-quality software.

EDUCATION

National College of Computer Studies (NCCS)　　　　　　　　　　　　　　**2021 − 2025**
Bachelor of Science in Computer Science and Information Technology (BSc. CSIT)　　　*Kathmandu, Nepal*

EXPERIENCE

BitpointX　　　　　　　　　　　　　　　　　　　　　　　　　　**May 2025 − Aug 2025**
Backend Developer Intern　　　　　　　　　　　　　　　　　　　　　*Kathmandu, Nepal*
- Developed and maintained backend services using Node.js and Express.
- Designed and documented RESTful APIs, implementing OTP-based authentication for secure access.
- Integrated role-based authorization and managed database migrations using PostgreSQL for efficient data handling.

Himalayan Chess Academy　　　　　　　　　　　　　　　　　　**Feb 2025 − May 2025**
Full Stack Developer Intern　　　　　　　　　　　　　　　　　　　　*Kathmandu, Nepal*
- Built a full-stack management system using Next.js and Node.js to manage students, users, schedules, and curriculum.
- Implemented Redux for state management and NextAuth for authentication.
- Set up Cron jobs for birthday reminders and automated email notifications using Nodemailer.
- Integrated Cloudinary for efficient file storage and management.

PROJECTS

Miyamoto Project
- Contributed as a full-stack developer to enhance and maintain an existing system.
- Implemented JWT authentication and role-based authorization for secure access control.
- Set up Cron jobs to automate reminder notifications for users and system tasks.

PAC.IFY
- Developed a full-stack e-commerce platform from scratch in a team, handling frontend and backend development.
- Integrated Redis caching using WSL for optimized performance and applied Naive Bayes sentiment analysis on user reviews.
- Demo: https://ecom-deploy-fa91.onrender.com/

Library Management System
- Developed a library web application to browse, borrow, and read digital books online.
- Managed users, books, history, and notifications using MySQL database.
- Snapshots: https://github.com/cyruu/php_librarySystem_snapshot

TECHNICAL SKILLS

Programming Languages	: JavaScript, Java
Frontend Development	: React.js, Next.js, Tailwind CSS, Material UI
Backend Development	: Node.js, NestJS
Database	: MongoDB, MySQL, PostgreSQL
DevOps & Tools	: Git/GitHub, Redis

SOFT SKILLS

Problem-solving, Team collaboration, Communication, Adaptability, Time management

ACHIEVEMENTS

NCCS Hackathon　　　　　　　　　　　　　　　　　　　　　　　**May 2025**
- Designed a Canteen Token Generation System where digital tokens remained in the queue.
- Implemented the system using PHP and MySQL and added a demo eSewa payment method using the sandbox environment.

REFERENCES

- **Dipesh Giri**
  Business Executive, Himalayan Chess Academy
  giridipesh01@gmail.com