Cyrus Maharjan

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I am a dedicated BSc. CSIT student with practical experience in building full-stack web applications. Skilled in the MERN stack and Next.js, I can develop responsive, user-friendly, and efficient web solutions. I enjoy learning new technologies, solving complex problems, and creating meaningful projects. I am actively looking for opportunities to grow my skills and contribute to innovative web development projects.

SKILLS

- **Programming Languages:** Javascript | PHP | Python | JAVA | C#
- **Frontend Development:** React.js | Next.js | Tailwind CSS | Material UI
- **Backend Development:** Node.js | Express.js | REST API Development
- **Database:** MongoDb | MySql
- **DevOps & Tools:** Git/GitHub | Redis
- **Soft Skills:** Problem-solving | Team collaboration | Communication

PROJECTS

PAC.IFY

- Contributed as a full-stack developer in a group project, handling both frontend (Next.js, Material-UI) and backend (Node.js, Express, MongoDB), with JWT for user data storage in cookies.
- Developed a dynamic e-commerce platform with user-friendly interfaces and also integrated sentiment analysis using the Naive Bayes algorithm for analyzing customer reviews.
- Implemented Redis for caching, reducing API response time from approximately 120 ms to 35 ms.
  Demo: https://ecom-deploy-fa91.onrender.com/

Chat.io

- A full-stack real-time chat application using Next.js and Socket.IO for real-time communication.
- Implemented NextAuth for secure authentication and used JWT and NextSession for storing and retrieving user information.
- Focused on creating a responsive UI for smooth chat experience.
  Demo: https://chat-socket-h3wn.onrender.com/

Stackoverflow Clone

- Fully functional Stack Overflow clone with features for asking questions and answering. A responsive application made by using Material UI and Next.js.
- Integrated NextAuth for secure session management and user authentication using JWT-based sessions.
  Demo: https://next-stackoverflowclone.vercel.app/

Library Web Application in PHP

- Developed a library web application to browse, borrow, and read digital books (PDFs) online.
- Integrated MySQL database to manage user accounts, book inventory, borrowing history, and notifications efficiently.
  Snapshots: https://github.com/cyruu/php_libraryWebsite

Blog Website
- Built a blog site to create, view, and comment on blog posts as part of a virtual internship for CodSoft.
- Integrated Cloudinary for image upload and storage, enabling users to attach images to their blog posts seamlessly.

  Demo: https://codsoft-blog-site.vercel.app/

Library Management System in Java
- Developed a terminal-based Library Management System to manage library operations through a menu-driven interface.
- Utilized SQL for efficient database management, handling user records, book inventories, and borrowing history.

  Snapshots: https://github.com/cyruu/java_librarySystem

EXPERIENCE

NCCS Hackathon **(2024)**
- Designed a Canteen Token Generation System where digital tokens remained in the queue, allowing users to continue their activities while still holding a place in line.

Photo Editing | Espot Nepal **(1 October - 7 November) 2024**

EDUCATION

- B. Sc. Computer Science and Information Technology (B.Sc. CSIT) | NCCS College **(2021 - Present)**
- High School (+2) | Science Faculty | Laboratory Secondary School **(2019 - 2020)**
- Secondary Education Examination (SEE), Pushpasadan Boarding High School **(2018)**

TRAININGS

Python Workshop, NCCS College **(2024)**

React and Redux Course, Codecademy **(2024)**

JAVA Workshop, NCCS College **(2023)**

PHP Workshop, NCCS College **(2022)**