

Raghunath Sharma

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About Me

I am a self-driven IT enthusiast with a strong passion for backend development and working with Node.js. Currently pursuing a Bachelor's degree in Computer Science and Information Technology, I've honed my skills through various self-driven projects, particularly in backend systems and APIs. I'm eager to apply my expertise in a practical setting and contribute to innovative, scalable solutions. My goal-oriented mindset and commitment to continuous learning motivate me to seek internship opportunities where I can further develop my backend skills and make a meaningful impact.

Education

- **Bachelor in Computer Science and Information Technology (7th semester running)**
Bhaktapur Multiple Campus, Bhaktapur
- **+2 Science**
Xavier International College, Kathmandu
- **SEE**
Butwal Elite Higher Secondary School, Butwal

Skills

- **Programming Languages and Frameworks:** C, C++, Python, JavaScript, Node.js, Express
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, Node.js, Express
- **Databases:** MongoDB, MySQL
- **Backend Technologies:** REST APIs, Authentication, JWT, Session Management
- **Cloud Platforms:** AWS
- **Tools & IDEs:** Visual Studio Code, Postman

- **Version Control:** Git, GitHub

Projects

1. URL Shortener with Authentication (Node.js, Express, MongoDB, EJS) https://github.com/Srmaraghu/NodeJs/tree/main/Url_shortener

- Developed a URL shortener application with authentication, allowing users to create and manage short links. Features include URL generation, visit tracking, and user authentication with JWT.

2. Discord Bot with URL Shortening and Q&A Features <https://github.com/Srmaraghu/NodeJs/tree/main/Discord%20Bot>

Developed using Node.js, Express, Discord.js, Google Generative AI API

- Created a Discord bot capable of generating short URLs and providing answers to user questions via the Gemini API.
- Implemented URL shortening with MongoDB integration and dynamic Q&A responses.
- Configured bot commands and deployed the application on a local server.

3. Blog Application : <https://github.com/Srmaraghu/NodeJs/tree/main/Blog>

Developed using Node.js, Express, MongoDB, EJS, JWT

- Built a full-stack blog app with user authentication, blog posting, and comments.
- Implemented JWT-based user login and role-based access control.
- Developed RESTful APIs for blog and user management.
- Used MongoDB for database operations and EJS for dynamic content rendering.
- Enabled image uploads and integrated file management on the server.

References

Sushant Poudel, Coordinator of BSc. CSIT
Bhaktapur Multiple Campus

Declaration

I hereby declare that the information provided above is based on the best of my knowledge.