Ranjan Lamichhane

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WORK EXPERIENCE

OTS Academy   **Oxford, United Kingdom**
Software Engineer   *Feb 2024 - Aug 2024*

- Developed and deployed a full-fledged website for the Academy using Next.js and Typescript, optimizing query efficiency by 40%.
- Collaborated with the project manager to align website design and functionality with business objectives, ensuring a user-friendly and responsive interface.
- Integrated Prisma ORM with a MongoDB database to streamline data management.
- Configured and managed Ubuntu servers on AWS, enhancing deployment workflows and reducing server downtime by 35% through automated scaling and monitoring.

Shrestha Ventures   **Kathmandu, Nepal**
Software Engineer   *Jun 2023 - Feb 2024*

- Led and mentored a team of two interns in designing and launching five innovative in-house web projects, increasing project delivery efficiency by 40%.
- Conducted full-stack development training sessions for interns, boosting their technical skills by 60% and improving overall team productivity.
- Implemented Agile methodologies, decreasing project turnaround time by 30% and boosting user engagement by 25%.
- Migrated infrastructure from cPanel to AWS, resulting in a 50% improved scalability and a 40% reduction in downtime.

EDUCATION

University of Louisiana Monroe   **Monroe, LA**
Bachelor's Degree in Computer Science, Minor: Mathematics   *Graduation Date: Dec 2027*

LEADERSHIP EXPERIENCE

ICT Club   **Pokhara, Nepal**
President   *Jun 2022 - Feb 2023*

- Solving queries of peers about the job environment and guiding them to create a good portfolio.
- Working closely with board members to organize various events like Hackathon, Coding competitions, etc.

PROJECTS

WeddingEstore | Next.js, Node.js, MongoDB, AWS

- Developed and deployed an e-commerce platform for wedding-related products, improving user engagement by 45%.
- Designed user-friendly UI/UX and implemented secure authentication, enhancing user experience and security.

Ontourism academy | Next.js, Node.js, Prisma ORM, Typescript

- Built a scalable tourism platform with a data visualization section, increasing utilization of the feature by 70%.
- Integrated real-time news fetching and account management features, enhancing user engagement and retention.

SKILLS & INTERESTS

Programming Languages: JavaScript, Typescript, Node.js, React.js, Next.js, Python

Tools and Technologies: Machine learning, Artificial Intelligence, AWS (Elastic Beanstalk/Amplify/S3/EC2), GraphQL

Soft Skills: Leadership & Team Management, Problem-Solving, Communication, Project Coordination, Critical Thinking