Rajendra Tharu

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SKILLS

- Languages: Java, JavaScript, Python
- Web Languages/Frameworks: HTML5, CSS, Javascript, Typescript, ReactJs, NextJs, Node.js, Express, Bootstrap, Material UI, Shadcn
- Technologies/Backend Frameworks: Maven, Docker
- Version control: GitHub
- Containerization: Decker
- Tools & ID'S: IntelliJ, Eclipse, Docker, MSSQL Server, SQL Developer, Slack, Visual Studio, Visual Studio Code, Postman.
- Operating Systems: Windows, Linux
- Testing tools: Jenkins, GitLab CI/CD, BrowserStack

EDUCATION

Full Stack Software Development,   Jan 2023 – Aug-2024
Lambton College

- Acquire core knowledge in various programming languages such as Java, Python, JavaScript, and C#.
- Became excellent in both relational databases using SQL and non-relational databases in MongoDB.
- Learned how to deploy web applications to servers or cloud platforms like AWS or Netlify.
- Became able to test and debug code to ensure the reliability and functionality of web applications.
- Got an understanding of common security vulnerabilities and practices securing web applications.

Bachelor of Engineering (B.E)   July 2016 – July 2020
RR Institute of Technology (Visvesvaraya Technological University)

- Completed Engineering with expertise in Data structure and Algorithms.
- Created Employee Attendance Management System using Java and JSP.
- Provided maintenance support for the college website.

EXPERIENCE

Full Stack Software Developer   July 2022 – March 2024
SoftTechpark, Kathmandu, Nepal

- Developed and maintained full-stack web applications using Next.js, React.js, and TypeScript.

- Designed and implemented RESTful APIs using Node.js and Express.js for seamless communication between frontend and backend.
- Managed MongoDB databases, ensuring efficient data storage, retrieval, and security.
- Integrated ShadCN and Material UI to build modern, accessible, and visually appealing user interfaces.
- Ensured cross-browser compatibility and responsive designs using CSS3, Tailwind CSS, and media queries.
- Optimized application performance through server-side rendering (SSR) and static site generation (SSG) in Next.js.
- Implemented authentication and authorization using JWT (JSON Web Tokens) and OAuth.
- Used Git and GitHub for version control, enabling smooth collaboration and code management.

Intern in Python and Machine Learning   December 2018 - March 2019
Karunadu Technology Pvt. Ltd, Bangaluru, India
- Acquire knowledge of Python, ranging from its syntax to data structure and object-oriented programming principles.
- Got the basic concept of machine learning including its algorithms such as supervised, unsupervised and reinforcement learning.
- Data analysis with different Python libraries like pandas, NumPy and matplotlib.
- Completed several projects, such as determining weight by analyzing height and brain tumour detection using machine learning.

VOLUNTEER WORK
Member   Aug 2020- Nov 2022
Lumbini Youth Club, Nepal
- Implemented creative ideas with club members and conducted interactive sessions.
- Actively participated in activities such as cleaning up public spaces, organizing events, assisting in community centers, etc.
- Worked for vulnerable people, for instance, the elderly, children, homeless individuals, and people with disabilities.
- Provided immediate assistance, distributed relief supplies, and offered support services to affected people in natural disasters like earthquakes, floods, harsh winters, etc.
- Got opportunities to learn and grow my personal and professional skills.

AWARDS
- Dean List: First Semester and Second Semester, Lambton College.
- Certificate of Appreciation: Semester topper in exams conducted by Visvesvaraya Technological University