

# Mr. Milan Thapa

## Software Engineer

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🔗 Personal Portfolio

### Professional Experience

#### Full-Stack Developer, Maddati Tech Pvt. Ltd.

12/2021 – present  
Kathmandu, Nepal

- Developed and maintained secure web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) to protect customer data and transactions.
- Designed user-friendly interfaces for online services, ensuring easy navigation with technologies like ReactJS, Next.js, and Tailwind CSS.
- Leveraged the MERN stack and CSS frameworks to optimize performance and usability.
- Built robust back-end systems with Node.js and Express.js for secure data handling and implemented encryption measures using MongoDB and PostgreSQL for database management.
- Collaborated with cross-functional teams to meet project requirements and deliver high-quality solutions leveraging the MERN stack and other technologies as needed.

#### Junior Software Developer, Real Time Solutions Pvt. Ltd.

11/2020 – 12/2021  
Lalitpur, Nepal

- Contributed to the development and maintenance of 10+ front-end web applications using HTML, CSS, and JavaScript, boosting client satisfaction scores by 20%.
- Streamlined team collaboration by implementing Git workflows, reducing code merge conflicts by 35%.
- Supported senior developers in resolving critical technical issues, accelerating project completion by 15%.
- Enhanced code quality by participating in 50+ peer reviews and adopting industry best practices.

### Education

#### MBA in Finance (Ongoing), International Center for Academics, IGNOU

2022 – present  
Sinamangal,  
Kathmandu, Nepal

- Relevant Coursework: Corporate Finance, Financial Risk Management, Strategic Investment Analysis, Business Analytics.
- Capstone Project: "Optimizing Tech Budgets for Mid-Sized Financial Institutions" – Analyzed cost structures and proposed scalable IT solutions to reduce operational expenses by 18%.

#### B.E Computer Engineering, Kathmandu University

2016 – 2020  
Kavrepalanchok, Nepal

- Relevant Coursework: Software Engineering Principles, DBMS, Machine Learning, Cloud Computing, Engineering Management, Engineering Economics.
- Relevant Projects: Simple E-Commerce Platform, Expense Tracker for SMEs, etc.

**Skills**

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**Technical**

Full-Stack Development, Agile Methodologies, API Integration, Database Security.

**Leadership**

Cross-Functional Team Management, Stakeholder Communication, Risk Mitigation.

**Finance**




Financial Modeling, ROI Analysis, Regulatory Compliance, Cost Optimization.

**Tools**

Jira, Tableau, Git, PostgreSQL, Power BI (Basic), Excel.

**Certificates**

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|--|---|---|
| • Python (Basic) Certificate  | • Problem Solving (Basic) Certificate  | • Programming for Everybody (Getting Started with Python)  |
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**Languages**

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|----------|-----------|
| • Nepali | • English |
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**Interests**

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|---------------------------------|---------------------|-----------|
| • Data Analysis & Visualization | • Financial Markets | • Reading |
| • Travelling                    | • Sports            |           |