

NIMA LAMA TAMANG

COMPUTER ENGINEER | SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Computer Engineer and Software Developer with hands-on experience designing, developing, deploying, and maintaining web applications, RESTful APIs, SaaS platforms, and database-driven enterprise systems. Experienced in building POS/ERP solutions, inventory and financial management systems, gym management software, online examination platforms, and operational reporting tools. Proficient in modern web technologies, with strong expertise in backend business logic, complex SQL queries, stored procedures, database optimization, and third-party API integrations. Skilled in hardware–software integration, including biometric attendance systems, access control, dynamic payment QR systems, and printing solutions. Experienced in managing production applications across Linux and Windows Server environments, configuring web servers, troubleshooting deployment issues, and maintaining system reliability. Additional experience in applied AI and machine learning, including GAN-based image denoising, with practical use of AI-assisted development and agentic coding workflows to improve software development efficiency.

TECHNICAL SKILLS

Backend & Programming: C#, .NET / ASP.NET Core, ASP.NET MVC, ASP.NET Web API, Node.js, Python, PHP / Laravel

Frontend & Mobile: JavaScript, React, Next.js, HTML, CSS, Flutter

Databases: Microsoft SQL Server, PostgreSQL, MySQL; stored procedures, reporting, data modeling and optimization

Infrastructure & Tools: Linux, Windows Server, Nginx, IIS, Docker, Git, GitHub, GitLab

Development Practices: REST API development and integration, debugging, testing, deployment, production troubleshooting, AI-assisted development and Agentic Code Work Flow

PROFESSIONAL EXPERIENCE

Milestone Software Pvt. Ltd. | Software Development | 2023–Present

- Develop and maintain business software modules covering billing, purchasing, inventory, attendance, and operational reporting.
- Investigate and resolve complex application and data issues using SQL queries, stored procedures, testing, and production troubleshooting.
- Research, evaluate, and integrate new technologies and business-oriented features to expand product capabilities and improve operational efficiency.
- Collaborate on feature enhancements, integrations, and continuous system improvements aligned with changing business requirements.

Gorkha Logic Technology and Innovation Pvt. Ltd. | Part-Time Software Development | 2025–Present

- Develop and support SaaS and web-based business products, including REST APIs, database integrations, and administrative workflows.
- Research, evaluate, and develop scanner-based solutions, including projects such as NepScanner, focusing on document scanning, image processing, text recognition (OCR), and integration with business applications to improve operational efficiency and automate workflows.
- Assist with production deployment and maintenance in Linux environments, troubleshooting applications, web servers, and databases.
- Contribute to feature development, reporting, hardware integrations, and continuous improvement of live products.

EDUCATION

Bachelor's Degree in Computer Engineering | Khwopa Engineering College, Purbanchal University | 2020–2025
Libali, Bhaktapur, Nepal

PROFESSIONAL PROJECTS

DolmaPOS | POS & ERP Platform

- Contributed to billing and payment workflows, inventory management, purchasing, and business reporting.

MeroGym | Gym Management SaaS

- Developed and supported membership, attendance, billing, analytics, and biometric attendance/access-control integrations.

AI-Based Celebrity Image Denoising | Academic Research Project

- Implemented a GAN-based approach with a U-Net-style generator, skip connections, and CNN discriminator; trained on clean/noisy image pairs with reconstruction and adversarial objectives.
- Evaluated results using PSNR, SSIM, LPIPS, and MS-SSIM under Gaussian, salt-and-pepper, speckle, Poisson, and uniform noise; built preprocessing, checkpointing, and training visualizations.

NSTB-CIMS | Management & Results System

- Contributed to management and results-processing functionality in a database-driven application.

CDC-LOE | Application Maintenance & Reporting

- Supported application maintenance, performance investigations, and analytical reporting.

RankUp Nepal | Examination Preparation Platform

- Developed and maintained question banks, mock tests, practice sessions, question tracking, and exam-focused user workflows.