SAYAR SHAKYA

SENIOR SOFTWARE ENGINEER

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CAREER SUMMARY

Innovative Senior Software Engineer with 8+ years of experience delivering high-performance .NET-based solutions that drive business growth and efficiency. Proven expertise in software architecture, full-stack development, and system optimization. Passionate about writing clean, scalable, and maintainable code, leading cross-functional teams, and continuously improving development processes. Adept at transforming complex business needs into cutting-edge software solutions while ensuring security, performance, and usability.

PROFESSIONAL EXPERIENCE

Deerhold Nepal Pvt. Ltd, Kathmandu

Senior Software Engineer– Full time **Nov 2021 – Present**

- Engineer and deploy enterprise-grade .NET applications that improved system performance by 30%.
- Design and optimize scalable microservices architectures, reducing system downtime by 40%.
- Lead a 5-member development team, ensuring sprint goals were met 100% on time while maintaining high code quality.
- Spearhead code refactoring and legacy system migration, enhancing maintainability and reducing technical debt.
- Conduct code reviews and mentoring sessions, elevating team efficiency and reducing deployment issues by 25%.

Techkraft Inc., Kathmandu

Senior Software Engineer – Full time **02/2021 – 12/ 2021**

- Developed high-traffic web applications using .NET Core, cutting response times by 50% through optimized queries and caching.
- Managed the full software development lifecycle (SDLC), from requirement gathering to deployment, ensuring seamless product launches.
- Designed RESTful APIs that improved interoperability between systems and enhanced overall application modularity.
- Implemented CI/CD pipelines, reducing deployment failures and increasing delivery speed by 40%.

Vesuvio Labs Nepal, Kathmandu
Senior Software Engineer– Full time **11/2019 – 11/2020**

- Pioneered data-driven development strategies, improving software performance and efficiency.
- Led architecture reviews and system optimizations, ensuring adherence to best practices and security protocols.
- Integrated third-party APIs and external data sources, enhancing system capabilities and automation.

Percoid IT Solutions, Lalitpur
Mid-level Software Engineer– Full time **07/2017 – 10/2019**

- Designed and developed custom web applications, streamlining internal workflows and reducing processing time by 35%.
- Created intuitive UI/UX designs that increased user adoption rates by 20%.
- Optimized SQL queries and indexing strategies, cutting database query times by 45%.

Kantipur Holidays Pvt. Ltd, Kathmandu
Software Developer– Full time **06/2016 – 07/2017**

- Spearheaded the development of a travel booking system, automating 70% of manual processes.
- Collaborated with designers and backend engineers to enhance application functionality and user experience.
- Conducted extensive unit and integration testing, improving software reliability and reducing post-launch issues.

E D U C A T I O N

Sikkim Manipal University, Gangtok, India
Bachelor in Information Technology **2011– 2014**

NIIT, Kolkata, India
Post-Graduate Diploma in .NET Technologies **2015– 2016**

TECH STACK

Programming: .NET Framework, .NET Core, C#, JavaScript, jQuery, AngularJS
Databases: MSSQL, SQL (Query Optimization, Indexing, Stored Procedures)
DevOps & Cloud: Azure DevOps, CI/CD Pipelines, Cloud Deployment
Version Control: Git, GitHub, SVN
Tools & Platforms: Atlassian (JIRA, Confluence), Microsoft Excel
Development Practices: Agile & Scrum, TDD (Test-Driven Development), SOLID Principles

SOFT SKILLS

- Strong Leadership Skills
- Excellent Written And Verbal Communication Skills.
- Critical Thinking And Problem Solving Skills
- Strong Teamwork Skills

LANGUAGE(S)

- Newari (Native)
- English (B2) – Professional Proficiency
- German (A2) – Basic Proficiency

CERTIFICATIONS

- HIPAA Associate (HIPAAA)
- Career Essentials in GitHub (Linkedin)
- Career Essentials in Software Development (Microsoft)
- Software Project Management Foundations (LinkedIn)
- Programming Foundations:Databases (LinkedIn)

PROJECTS

- **Merakee Website:** A web project for an organization or business, featuring company information, services, and contact details.
- **Rippletone Meditation App:** A meditation application providing guided sessions, progress tracking, and personalized meditation programs.
- **Digital Menu:** A digital menu system for food service establishments to display their offerings, update prices, and showcase specials digitally.