

# SAYAR SHAKYA

SENIOR SOFTWARE ENGINEER (.NET)

Kathmandu, Nepal | +977-9841900117 | [sakyashire@hotmail.com](mailto:sakyashire@hotmail.com)

LinkedIn: [linkedin.com/in/sayarshakya](https://www.linkedin.com/in/sayarshakya)

GitHub: [github.com/sayarshakya](https://github.com/sayarshakya)

---

## PROFESSIONAL SUMMARY

Senior .NET Software Engineer with 9+ years of experience designing and developing scalable, high-performance web applications using C#, ASP.NET Core, and SQL Server. Expertise in RESTful API development, and cloud-based solutions using Azure. Strong experience with modern frontend frameworks including Next.js, Angular, and React. Proven ability to optimize system performance, implement CI/CD pipelines, and lead development teams in Agile environments.

---

## CORE COMPETENCIES

- ASP.NET Core & Web API
  - REST API Design & Integration
  - Performance Optimization & Debugging
  - Database Design & Optimization
  - CI/CD & DevOps Practices
  - Agile & Scrum Methodologies
- 

## TECHNICAL SKILLS

- **Languages:**  
C#, JavaScript
  - **Frameworks & Technologies:**  
ASP.NET Core, .NET Core, .NET Framework, Entity Framework Core, ASP.NET MVC, Web API, Next.js, Angular, React Native, Flutter
  - **Architecture & Design:**  
Repository Pattern, Unit of Work, Clean Architecture, CQRS, SOLID Principles, OOP
  - **API Development:**  
RESTful APIs, Swagger/OpenAPI
  - **Databases:**  
SQL Server, MySQL, Query Optimization, Stored Procedures and Functions
  - **Cloud & DevOps:**  
Azure, Azure DevOps, CI/CD Pipelines, GitHub Actions
  - **Tools:**  
Git, SVN, Jira, Confluence, Firebase
-

## **WORK EXPERIENCE**

### **Senior Software Engineer – Full-time**

Deerhold Nepal Pvt. Ltd, Kathmandu

*Nov 2021 – Dec 2025*

- Optimized and maintained high-performance ASP.NET Core applications, improving scalability and reducing system downtime by 50%.
  - Designed and developed scalable RESTful APIs for modular systems.
  - Built real-time monitoring dashboards using ASP.NET Core and Next.js.
  - Identified and resolved performance bottlenecks through debugging and refactoring.
  - Mentored junior developers and improved team productivity by 25%.
- 

### **Senior Software Engineer – Full-time**

Techkraft Inc., Kathmandu

*Feb 2021 – Dec 2021*

- Developed high-traffic web applications using .NET Core, reducing response times by 50%.
  - Implemented CI/CD pipelines and automated deployments, increasing delivery speed by 40%.
  - Built scalable backend services with high availability and performance.
  - Developed and maintained ASP.NET Core Web API applications.
- 

### **Senior Software Engineer – Full-time**

Vesuvio Labs Nepal, Kathmandu

*Nov 2019 – Nov 2020*

- Lead architecture reviews and implemented performance optimization strategies.
  - Integrated third-party APIs and external services.
  - Collaborated with stakeholders to deliver scalable and secure solutions.
- 

### **Mid-level Software Engineer – Full-time**

Percoid IT Solutions, Lalitpur

*Jul 2017 - Oct 2019*

- Developed custom web applications improving operational efficiency.
  - Optimized SQL queries and indexing, reducing database execution time.
  - Designed user-friendly UI/UX improving adoption rates.
- 

### **Software Developer – Full-time**

Kantipur Holidays Pvt. Ltd, Kathmandu

*Jun 2016 – Jul 2017*

- Developed travel booking system automating manual processes.
  - Performed unit and integration testing to improve reliability.
  - Collaborated with cross-functional teams to enhance application features.
-

## EDUCATION

### Post-Graduate Diploma in .NET Technologies

NIIT, Kolkata, India | 2015-2016

### Bachelors in Information Technology

Sikkim Manipal University, Gangtok, India | 2011-2014

---

## CERTIFICATIONS

- HIPAA Associate
  - Career Essentials in Software Development (Microsoft)
  - Career Essentials in GitHub (LinkedIn)
  - Software Project Management Foundations
  - Programming Foundations: Databases
  - Flutter Essential Training: Building for Multiple Platforms
  - SQL: Basic and Intermediate
  - HackerRank Software Engineer Certification
- 

## PROJECTS

- **Cinfinity** – React.js using AWS Chime
  - **GiftGate** – Developed full-stack web app using Next.js, Firebase, Tailwind CSS
  - **ProTech IC Authentication** – Mobile app using React Native
  - **InStride Health** – Cross-platform app using Flutter
  - **Claros Analytics** – Built using .NET Framework and MySQL
  - **TAO Connect** – Cross-platform app using Flutter
  - **Distribind** – ASP.NET Core-based system
  - **Quantum Media Management** – ASP.NET Core + AngularJS
  - **Travel CRM** – .NET Framework-based CRM system
- 

## LANGUAGE(S)

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