

# Prabesh Shrestha

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## PROFILE

Aspiring software developer with a strong foundation in software engineering, data analysis, and business documentation. Proficient in gathering and analyzing business requirements, collaborating with cross-functional teams, and ensuring effective communication. Passionate about collaborating with clients to deliver tailored solutions, optimizing business processes, and leveraging data for informed decision-making.

EXPERIENCE	<div><div>Grafi Offshore</div><div>.Net Developer • Sanepa Height, Lalitpur</div><div><div>06/2024 - 06/2025</div><div><ul style="list-style-type: none"><li>Built and integrated ASP.NET Web APIs with authentication/authorization, using Repository and MVC patterns for maintainable architecture.</li><li>Implemented Telerik Reporting (Designer, Server, Viewer) across environments created documentation and supported client integration.</li><li>Developed responsive web pages using Kendo UI with ASP.NET, Web API, and Entity Framework for full-stack functionality.</li><li>Contributed to Lesling's core product team, collaborating on UI/UX with designers and iterating features with the product team.</li><li>Managed report infrastructure and deployments, ensuring reliable performance and availability of reporting features across dev, staging, and production environments.</li><li>Worked extensively with .NET technologies, developing scalable back-end services and implementing business logic using ASP.NET MVC, Web API, Entity Framework, and LINQ.</li><li>Conducted product demos in end-of-sprint reviews to brief the senior management on the product features and updates.</li></ul></div></div></div>
	<div><div>Grafi Offshore</div><div>.Net Trainee • Sanepa Height, Lalitpur</div><div><div>04/2024 - 06/2024</div><div><ul style="list-style-type: none"><li>Developed a dynamic, user-friendly Movie Rental App using ASP.NET MVC, C#, and SQL, focusing on responsive UI design and implementing efficient CRUD operations for various modules.</li><li>Designed and integrated Web API controllers for seamless data retrieval and manipulation, enhancing overall application functionality.</li><li>Integrated the ASP.NET project database with Power BI via authenticated APIs, managed database tasks (schema design, stored procedures), performed data analysis using SSMS, and delivered insightful dashboards and reports for clients.</li><li>Collaborated directly with clients to gather requirements, ensured timely project delivery, and provided effective, tailored solutions to meet their expectations.</li></ul></div></div></div>
	<div><div>LIS Nepal</div><div>Software Intern • Kumaripati, Lalitpur</div><div><div>10/2023 - 04/2024</div><div><ul style="list-style-type: none"><li>Worked on data warehousing, ETL pipelines, data modeling, and performance optimization using SSMS, SSIS, SSRS, and Snowflake.</li><li>Created interactive dashboards and visualizations in Power BI and MS Excel to support data-driven decision-making.</li><li>Collaborated with clients and internal teams to gather requirements, resolve incidents via JIRA, and ensure timely updates through effective communication.</li><li>Conducted end-to-end data cleansing, transformation, and integration from diverse data sources to maintain consistency and improve data quality.</li></ul></div></div></div>

SKILLS	SQL, ETLs, SQL Server Integration Services, SQL Server Management Studio, Power BI, Python, C/C++, C#, ASP.NET, JIRA, JQuery, LINQ, HTML, CSS, Telerik & Kendo UI, Telerik Report Designer, Telerik Report Server, Tableau, GitLab
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## PROJECTS

### Text to Image Synthesis using GAN

- Utilized GANs (Generative Adversarial Networks) to create high-quality images from text, ensuring accurate representation and acceptable quality and automated the process of generating images from text.
- Employed a GAN architecture for unsupervised learning, generating images from textual inputs.
- Performed comprehensive testing and refinement of the GAN model to boost the quality and authenticity of the generated images.

### PARIKSHYA – A WebApp for Online Examination

- Developed a web app for online exams and video conferencing, ensuring secure and convenient assessments.
- PARIKSHYA meets the demand for fair and efficient exams, especially during COVID- 19, offering a seamless experience for all involved.
- Implemented robust security measures to prevent cheating and ensure the authenticity of exam results.

### E-commerce website

- Developed an e-commerce website using Python and Django for efficient online retail operations.
- Implemented a user-friendly interface and seamless navigation features to enhance the shopping experience, leading to increased customer engagement and satisfaction.
- Implemented an intuitive product filtering and search functionality, allowing users to easily browse and find products based on categories, price ranges, and ratings.

### BookStore Management System

- Developed a full-stack web application using ASP.NET Core MVC and Entity Framework Core, following the N-tier architecture and Repository pattern.
- Implemented CRUD operations for managing books and categories, with database integration via EF Core Code-First Migrations.
- Applied ASP.NET Identity for user authentication and role-based authorization, ensuring secure access to administrative features.
- Utilized Dependency Injection (DI) for service and repository management, and implemented Routing with Areas to enable modular structure and clean URL handling in the application

### Movie Rental (ASP.NET MVC)

- Implemented a comprehensive CRUD system for managing customer and movie data, integrated with a Web API controller for seamless data retrieval.
- Developed a rental page allowing customers to rent movies, including functionality for calculating VAT and discounts, and generating detailed receipts.
- Enabled receipt generation with options to download as PDF or print, enhancing user experience and transaction transparency

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## EDUCATION

### Kathmandu Engineering College – 05/2023

Kathmandu, Nepal

Bachelor in Computer Engineering

### +2 NEB (Science)

Lalitpur, Nepal

United Academy – 11/2018

### SLC Level

Dang, Nepal

Deepshikha Higher Secondary

Boarding School – 04/2016

## TRAININGS AND CERTIFICATIONS

- Microsoft Power BI – LIS Nepal
- Introduction to Power BI – Datacamp
- Intermediate SQL – Datacamp
- Introduction to Airflow in Python – Datacamp
- Python and Django – Broadway Infosys
- Data Manipulation in SQL – Datacamp
- Introduction to Tableau – Datacamp