

Anil Gurau

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PROFESSIONAL SUMMARY

Full-Stack .Net Software Engineer with 3+ years of experience building web applications. Skilled in developing RESTful APIs using C#, .NET Core, and SQL Server, and creating responsive front-end interfaces with Angular and Vue.js. Experienced in working with ORMs like Entity Framework and Dapper and integrating third-party APIs to deliver complete end-to-end solutions.

WORK EXPERIENCE

.NET SOFTWARE ENGINEER

Dolphin Dive Technology | Nepal | 2022 January – 2024 September

- Developed and maintained features for PensionPro, a .Net Core application serving US-based Third-Party Administrators (TPAs) in the retirement industry.
- Implemented critical fixes to WPF desktop application, significantly improving its performance and reliability.
- Developed and optimized SQL queries, stored procedures, views, and functions to improve database performance.
- Implemented Azure Functions to enhance cloud-based automation.
- Built reusable Angular components with Angular Material, Kendo UI, and AG Grid.
- Worked on SSRS Service Project, developing and managing reports for insights.

FREELANCE DEVELOPER

Penny Royal College | Australia | 2021 December – 2023 August

- Developed and redesigned web applications, including migrating server-side code from .Net Core 2.2 to 3.1, developing Vue.js components, and optimizing SQL queries.
- Enhanced application functionality by extending authentication/authorization features.
- Managed website deployment to production environments.

FULL STACK .NET DEVELOPER

Aria Group Nepal | Nepal | 2021 April – 2022 January

- Developed RESTful API endpoints for web and mobile applications using .NET Core.
- Wrote queries, stored procedures, views, and functions in SQL Server.
- Built reusable Vue.js components using the Quasar Framework.
- Generated Excel, Word, and PDF reports for decision making.
- Integrated third-party APIs to extend application capabilities and enhance user experience.
- Implemented real-time features using SignalR.

TECHNICAL SKILLS

BACKEND DEVELOPMENT

- C#, .NET Core, .NET Framework, RESTful APIs, SignalR, HangFire

- Azure SQL Server, MS-SQL, Stored Procedure, View, Function, Trigger, Redis
- Dapper, Entity Framework, LINQ
- SQL Server Reporting Service (SSRS)

FRONTEND DEVELOPMENT

- HTML5, CSS3, Tailwind, Bootstrap
- JavaScript, TypeScript, jQuery, Ajax
- Vue.js, Quasar, Angular, Angular Material, Kendo UI, AG Grid

CLOUD AND TOOLS

- Azure, Azure Functions, Azure Blob Storage, Azure Queue, Azure Service Bus
- Git (GitHub, GitLab, Bitbucket), TFVC,
- RabbitMQ
- Agile methodologies
- Docker

SOFTWARE ARCHITECTURE AND PATTERNS

- N-tier architecture, Onion architecture, Microservices architecture
- SOLID principles, CQRS pattern

EDUCATION

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY

2019 | Nepal | Nepal College of Information Technology

Key Subjects: **Data Structures, Web Development, Networking, Database Management**

KEY PROJECTS

PENSION PRO (Enterprise Cloud Platform for U.S. TPAs)

Technologies used: C#, .NET6, Web API, Microservices Architecture, AngularJS, Angular Material, Kendo UI, Azure SQL Server

Developed and maintained key features for "PensionPro," an enterprise-level cloud platform streamlining retirement plan administration for Third Party Administrators in the United States. Leveraged microservices architecture and modern front-end frameworks to enhance efficiency and user experience.

PENNY ROYAL COLLEGE (Developed for an Australian Institution)

Technologies used: .NET Core 3.1, C#, Web API, SQL Server, Dapper, Vue.js, Quill.js

Engineered a web application for Penny Royal College in Australia to manage course bookings, student assessments, and payments, featuring automated PDF report generation. The application leverages .NET Core, Web API, SQL Server, with data access facilitated by both Dapper and Entity Framework.