



Chathuranga Basnayake

chaturangabasnayake@outlook.com | +94 778511690

Team Lead | Backend Engineering | Fintech Systems

Profile: {

Role Backend Team Lead

Domain Fintech, Trading, Payments

Experience 8 Years and 6 Months

},

Online Info: {

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

GitHub github.com/CSBUnlimited

},

Core Skills: {

Backend .NET, ASP.NET, Web API, gRPC

Data SQL Server, Couchbase, Redis

Architecture Microservices, Event-driven systems

Cloud & DevOps Azure DevOps, GitHub, CI/CD

Frontend Angular, React

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Contact: {

Mobile +94 77 8511690

Email chaturangabasnayake@outlook.com

Location Homagama, Sri Lanka

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● Professional Summary

Software engineering professional with 8+ years of industry experience, currently working as a Backend Engineering Team Lead in the fintech domain. Strong hands-on background in .NET, SQL Server, Couchbase, Redis, gRPC, microservices, and distributed backend systems.

Experienced in leading backend delivery, providing technical direction, contributing to architecture decisions, supporting production-critical systems, and improving reliability, performance, and maintainability across financial technology platforms. Key strengths include fintech backend engineering, trading and payment integrations, event-driven architecture, system integration, and practical software delivery.

Also involved in building Jackpots Play from the ground up, covering system architecture, backend development, database design, frontend development, and service-to-service communication using .NET 8, SQL Server, Angular, and gRPC.


● Working Experience



Calamatta Cuschieri Moneybase Dec 2021 - Present
Fintech, trading, payments, and investment platforms

- **Team Lead | Backend Development**
Feb 2025 - Present
- **Senior Software Engineer | Backend Development**
Dec 2021 - Feb 2025

Skills: C#, .NET, SQL Server, Couchbase, Redis, gRPC, Microservices, Azure DevOps



Jackpots Play Mar 2024 - Present
Online jackpot, lottery-style gaming, and platform architecture

- **Team Lead | System Architecture | Development**
Mar 2024 - Present

Skills: C#, .NET 8, SQL Server, Angular, gRPC, OpenTelemetry, Authentication, Logging

Side project

• Working Experience



TIQRI Nov 2020 - Nov 2021

Enterprise software engineering and full-stack delivery

- **Senior Software Engineer | Full Stack Development**
Nov 2020 - Nov 2021

Skills: C#, .NET, Angular, SQL Server, REST APIs, Full-stack development



LB Finance Dec 2017 - Nov 2020

Financial services, leasing, lending, and internal enterprise systems


- **Software Engineer | Full Stack Development**
Mar 2020 - Nov 2020
- **Associate Software Engineer | Full Stack Development**
Sep 2018 - Feb 2020
- **Intern | Full Stack Development**
Dec 2017 - Aug 2018

Skills: C#, ASP.NET, SQL Server, Oracle, JavaScript, Angular, Financial systems

• Certifications

Agile & Scrum 1 certificate

Agile delivery, Scrum fundamentals, and team leadership practices.



Professional Scrum Master I (PSM I) June 7, 2026
[View credential](#)

Scrum.org

- Covers Scrum framework fundamentals, accountabilities, events, artifacts, and servant-leadership responsibilities.

• Academic & Education

BSc (Hons) in Information Technology Graduated - 2020

Specialization - Software Engineering
Sri Lanka Institute of Information Technology
Cumulative GPA: 3.08 | Weighted GPA: 2.8

GCE Advanced Level Aug 2014

Stream: Mathematics

● Skills & Experience

.NET & Backend

4 skills

- C#, .NET, .NET Core, ASP.NET Core, Web API
- Entity Framework Core, ADO.NET, Dapper
- gRPC, REST APIs, background services, daemons
- SQL Server, T-SQL, performance-focused backend development

Data & Messaging

4 skills

- SQL Server, Oracle, MySQL
- Kafka, RabbitMQ
- Couchbase, MongoDB, Redis
- Event-driven backend design and distributed processing

Architecture & DevOps

4 skills

- Microservices and distributed systems
- Logging and observability using Serilog, ELK/ Kibana, Datadog, and OpenTelemetry
- CI/CD with Azure DevOps and GitHub
- Authentication, exception handling, reliability, and maintainability practices

Frontend

3 skills

- Angular
- WPF with MVVM
- React

Professional Strengths

4 skills

- Technical leadership, PR reviews, and developer guidance
- OOP, SOLID principles, design patterns, and parallel programming
- Financial technology domain knowledge
- Clear communication with technical and non-technical stakeholders

• Projects and Work

Calamatta Cuschieri - Moneybase

2021 - Present

Fintech, trading, payments, and investment platform

- Lead backend team activities including technical planning, PR reviews, implementation guidance, and delivery support.
- Contribute to architecture decisions for backend services, distributed systems, integrations, and system reliability improvements.
- Worked with SQL Server, Couchbase, Redis, .NET 6, .NET Core, and .NET Framework 4.6.x.
- Improved and supported order execution flows across backend services.
- Handled analysis and coordination for production issues, technical fixes, and release-related activities.

Architecture

- Microservices, daemons, and Web APIs.
- Distributed backend systems and event-driven communication.
- Scalability, reliability, performance, and maintainability improvements.

External Integrations

- DriveWealth for US stock market order execution using APIs, callbacks, and Amazon SQS.
- SAXO and Interactive Brokers for Europe order execution using FIX.
- Shift4, previously Finaro/Credorax, for card payments.
- Freshworks and Mailjet for customer communication and relations.

Jackpots Play

2024 - Present

Side project - startup

- Planned and built the platform architecture from the ground up.
- Implemented backend and platform foundation using .NET 8, SQL Server, Angular, and gRPC.
- Added authentication, logging, OpenTelemetry, global exception handling, and service-to-service communication.
- Designed reusable backend components to support maintainability and future feature development.

TIQRI

2020 - 2021

Enterprise software development for a large-scale Middle Eastern client

- Worked on backend services using Oracle Database, .NET 5, .NET Core, .NET Framework 4.6.x, and VB.
- Built frontend features using React JS, React TS, and Angular.
- Supported pluggable applications, logging, and exception handling across enterprise systems.

CSBUnlimited - Dapper Wrapper

Beta, documentation pending

Personal library / NuGet package

[CSBUnlimited/DapperWrapper](#)

- Built a micro-ORM wrapper around Dapper with additional functionality and extensibility.
- Designed with SQL Server and MySQL support.
- Created as a reusable personal project for faster and cleaner data-access development.

• Projects and Work

Eclipse - LB Finance

2017 - 2020

Financial system modernization

- Helped rewrite an existing finance system using updated technologies and revised business requirements.
- Worked across backend, database, and frontend responsibilities for multiple modules.
- Implemented service-level transaction processing approaches.
- Added Serilog with ELK/Kibana, global exception handling, and a common API-calling mechanism to avoid socket exhaustion.

Responsibilities

- User management, permissions, role assignment, and user synchronization.
- Hierarchy management with drag-and-drop frontend, backend, and database design.
- Cashier module covering savings, credit, and fixed deposit operations.
- Business rules implementation with frontend and backend design support.

Technologies

- .NET Core and Dapper.
- SQL Server and T-SQL.
- Angular 5+, SignalR, Kibana, TFS, and Git.

Referees available upon request.