

## EXECUTIVE SUMMARY

- Experienced software engineer with over 3 years of expertise in designing and implementing software solutions using C# and .NET/Blazor/ReactJS frameworks. Skilled in collaborating with cross-functional teams to deliver high-quality applications and eager to contribute to impactful projects in a dynamic environment.

## TECHNICAL SKILLS

- Languages & Frameworks:** C#, .NET 6/8, .NET Framework 4.6.1, Windows services, Blazor, React with Redux
- DevOps:** Azure DevOps, Docker, Kubernetes, Helm, Argo CD, Octopus, Open Lens, CI/CD TeamCity pipelines, Nuget, Choco
- Databases:** Oracle, MySQL, SQL Server, MongoDB
- Messaging & Realtime:** RabbitMQ, SignalR, Firebase Cloud Messaging (FCM), Apple Push Notification (APNS)
- AI & Data:** Python, Machine Learning
- Methodologies:** Git (Advanced workflows), TDD, Agile Scrum, Release Management

## WORK EXPERIENCE

### Senior Software Engineer

2024 July - Present

DIPS AS, Norway | Creative Software

- Actively contributed to software architecture design for multiple client-facing, billable projects at **DIPS AS, a leading eHealth systems provider in Norway**.
- Designed and implemented RabbitMQ message broker systems for seamless component communication.
- Deployed services in a Kubernetes environment using Helm charts, Argo CD, and GitOps practices for streamlined and automated deployments.
- Mentored junior developers, conducted technical training, and drove innovation in development methodologies and tools.

#### Key Achievements:

- Optimized a .NET microservice consuming an Oracle database, improving system performance and scalability, resulting in a 40% increase in Transactions Per Second (TPS) and enhanced capacity to handle higher workloads.
- Containerized legacy IIS and Windows Service applications, including WebAPIs, client applications, and microservices, that significantly enhanced infrastructure management efficiency for the customer support team.

### Software Engineer

2022 January - 2024 June

DIPS AS, Norway | Creative Software

- Developed RESTful services and microservices using ASP.NET Core Web APIs.
- Developed client-side applications with Blazor framework, incorporating Razor, HTML, and CSS.
- Managed CI/CD pipelines with TeamCity for efficient software deployment and continuous integration.
- Implemented software design patterns, dependency injection, and SOLID principles for enhanced architecture.
- Leveraged Azure DevOps for source control management and developer task tracking to streamline collaboration and project workflows.
- Developed and implemented comprehensive integration test suites to maximize developer testing coverage.
- Demonstrated expertise in working with Oracle databases for efficient data management and integration.

#### Key Achievements:

- Implemented real-time data progress bars for long-running tasks using SignalR, providing live updates that significantly enhanced user experience and engagement.

- Actively contributed to the development of software applications by writing, debugging, and testing code, ensuring alignment with project objectives and coding standards.
- Identifying and fixing bugs and issues in existing codebases.
- Writing and executing test cases to ensure that software is functioning correctly and meeting requirements.

### SOFT SKILLS

- Teamwork
- Leadership
- Problem-solving
- Adaptability
- Presentation

### EXTRACURRICULAR ACTIVITIES




**Member (Term 2018/19)** of AIESEC in Colombo North, University of Kelaniya

Served in volunteer initiatives aligned with Sustainable Development Goals (SDGs) 8 (Decent Work and Economic Growth) and 15 (Life on Land).

### ACHIEVEMENTS

**First Runners Up (Team)** - Marketing Campaign Design Category ‘InCo 2019’ organized by the Department of Industrial Management, University of Kelaniya, Sri Lanka

### INTERESTS

-  Online Gaming
-  Traveling
-  Chess

### EDUCATION

**B. Sc. (Hons) in Management and Information Technology**

2018 - 2022

- University of Kelaniya, Sri Lanka
- GPA 3.64 (out of 4.0) Second Class Upper Division

### PROJECTS

**Notification Center for “Arena” Medical Record System**

2020 - 2025

- C# .NET 8.0, Blazor, Windows Services RabbitMQ, FCM/APNS, SignalR, Docker and Kubernetes
- A desktop application to deliver RabbitMQ-powered push notifications for patients and practitioners, along with a mobile subscriber module supporting FCM/APNS-based push notifications.

**Norwegian Address Registry Integration Service**

2023 - 2025

- C#, NET, Blazor, Oracle, SignalR
- A synchronization application to poll updates from the Norwegian National Health Registers and update demographic information of communication parties, enabling subscription-based syncing across all hospitals.

**Lab Data Sync with QCN**

2022 - 2024

- Oracle QRCN, .NET
- Developed web applications to distribute patient-critical and medical information. Utilized Oracle’s Queue Change Notification (QCN) feature, which monitors database changes and triggers event-based push notifications to the application in real time, ensuring timely delivery of critical updates.

**IM Portal (Web Application)**

2020

- Knowledge sharing system created using MongoDB, ExpressJS, React and NodeJS (MERN Stack)

### PROFESSIONAL QUALIFICATIONS

**Microsoft Certified: Azure Developer Associate (AZ-204)**

Reading

### LANGUAGE QUALIFICATIONS

**IELTS ACADEMIC - Overall Band Score 6.5**

2024

Listening - 6.5, Reading - 7, Writing - 6, Speaking - 7

**REFEREES - AVAILABLE UPON REQUEST**