**WORK EXPERIENCE**

**Nagarro – Client: Betsson Group Jan 2024 - Present***Associate Staff Engineer*

* Designed and developed high-performance systems for handling time-critical operations using parallel processing and Pub/Sub systems for betting and gaming applications.
* Worked extensively with Docker, Kubernetes, Redis, RabbitMQ, and .NET to ensure scalability, reliability, and efficiency across projects.
* ***KEY PROJECTS***  
  A) **Time and Performance Critical Operating Software**  
  Implemented parallel processing and Pub/Sub systems, ensuring reliable event delivery using Redis and RabbitMQ.   
  B) **Redis Data Optimization**  
  Optimized Redis memory usage with Protocol Buffers, achieving cost savings and performance gains.   
  C) **AWS Migration Services**   
  Migrated on-premises services to AWS, ensuring seamless scalability and data integrity.

**Nagarro – Client: Betsson Group May 2022 - Dec 2023***Senior Engineer*

* Collaborated with cross-functional teams to address complex challenges, provide innovative solutions, and maintain code quality through PR reviews.
* ***KEY PROJECTS***  
  A) **SegmentReorganization**  
  Automated obsolete segment decommissioning, optimizing resource allocation.  
  B) **Core Automation Testing for Event Updates**  
  Enhanced test coverage for event data flow, improving system reliability.  
  C) **Event Player application**  
  Service to re-play events in different sessions.

**NAV Consulting Jan 2020 - May 2022***Associate Technology*

* Developed and maintained Windows service applications using .Net Framework and WinForms.
* Mentored team of 4 members and led project ownership.
* ***KEY PROJECTS***  
  A) **Portfolio Management for Hedge Funds**  
  Maintaining hedge funds of customers via Api’s.  
  B) **Prospect Client application for Virtual users**  
  Developed a WinForms application for prospect client virtual users, integrating it with a database and other services to enhance data processing and user experience.  
  C) **Event Player application**  
  Service to re-play events in different sessions.

**NAV Consulting Sep 2019 - Dec 2019***Trainee Associate*

* Created websites using C# and .NET Framework.

**EDUCATION**

**Arya Institute of Engineering and Technology 2015 - 2019**Bachelor’s Degree in Computer Science | Mark 84.2%

* **Relevant Coursework:** Object Oriented Programming, Multi-Threading Programming, Asynchronous Code, Statistics, Calculus, Software Algorithms

**SKILLS**

* Proficient with: C#, .NET Core / Framework, WinForms, Web API, ASP.NET, Redis, RabbitMQ, Postman, Swagger, GitHub, TFS, JIRA, Visual Studio, Grafana, CI/CD Pipelines, Splunk, LINQ, SQL Server, VSCode, PowerShell scripting, Entity Framework, REST APIs, NUnit
* Familiar with: Agile Development, Test Automation, SOLID Principles, Design Patterns, OOPs, Docker, Kubernetes