

APARNNA BALAN

Software Engineer

.NETCORE | KAFKA | MSSQL | ELK | MICROSERVICES

Contact Information



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Thamarrassery, Kozhikode
Pin-673573



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Soft Skills

- Strong time management
- Multitasking capabilities
- Teamwork
- Observation

Education History

- **Bachelor of Technology**
ECE Department
MACE, Kothamangalam
2022 Passout - 72%

References

Renish.S
Software Engineer
9895039816

Professional Summary

Experienced Full Stack Developer with 2 years of expertise in .NET Core and Angular. Specializes in developing secure, scalable, and high-performance web applications, particularly in the banking and finance domain. A quick learner who adapts easily to new technologies, skilled in both front-end and back-end development. Seeking software engineer roles to further develop skills and contribute to innovative projects.

Core Tech Competency

Full-Stack Development, Micro Services Architecture, Real-Time Data Processing, Database Management, Agile process.

Core Tech Skills

- **Frame works:** .NET Core, Angular-17 with NGRX state management.
- **Programming Languages:** C#
- **Database:** MSSQL, Redis, MongoDB.
- **Devops:** Azure Devops, API Gateway, Helm.
- **Tools:** Git, Postman, ELK ,Swagger.
- **Architectures:** CQRS,REST Api, Microseivices.
- **Event Sourcing:** Kafka
- **Version Control:**Git,TFS

Core Domain Competency

- Banking and Finance Domain.

Core Domain Standards

- Payments and Cash Management domain - ISO 20022.

Certifications

- Linkedin Learning Certificate of Querying Microsoft SQL Server 2022.
- Linkedin Learning Certificate of Learning C#.
- Learning Git and GitHub.

Professional Experience

NeST Digital, Kochi | Software Engineer | 2022-2024(2-Years)

1. PROJECT: EDDA (Electronic Direct Debit Authorization) | 2023 Aug-Present

- **Edda** is the feature which will be considered under UAE IPP Overlay services. Through this feature, customers as well as merchants can enroll for OIC and Mandate process. Then as per scheduled window user account will be auto debit and merchant account will be credited automatically through this electronic direct debit authorization feature.
- **Technologies:**
 - Architecture: Microservices.
 - Platform:-.NETCore 6 with C#.
 - Database:- MS Sql, Mongo DB.
 - Caching Mechanism: Redis
 - Messaging Framework :-Kafka.
 - Frontend Framework:-Angular 17 with NGRX State Management.
 - Log Monitoring:-ELK
- **Responsibilities:**
 - Convert User Stories into functional technical artifacts. Created Rest API and Channel through API for WEB application.
 - Produce working code with .net core back-end and Angular 17 front-end.
 - Created SafeURL Pipe(Angular element) for bypassing BrowserSecurity parameters. Implementing inter-proxy calls using API-Gateway mechanism in a microservices architecture. Experience in implementing Kafka messaging in a distributed environment.
 - Code front-end development in Angular 17.
 - Worked in developing front-end code using NGRX technology.
 - Experience in Agile methodologies by participating in meetings such as daily stand-up, sprint retrospective, sprint demo presentation.
 - Developer Testing

2. PROJECT:DDS(Direct Debit System) | 2022-2023 Aug

- Led the implementation and enhancement of the UAE Direct Debit System (UAEDDS) for the Central Bank of the UAE, revolutionizing payment transactions for utility services, telephone bills, electricity bills, insurance premiums, card payments, and loan/finance repayments, thereby contributing to the advancement of the country's payment systems landscape.
- **Technologies:**
 - Architecture: Monolithic.
 - Platform:-.NET with C#.
 - Database:- MS Sql
 - Version Control:TFS
- **Responsibilities:**
 - Converted user stories into functional technical artifacts by producing a .NET 6.0 backend with reusable and robust C# code, following SOLID principles and CQRS architecture. Conducted peer code reviews to ensure coding standards and consistency. Developed and maintained comprehensive project documentation, including setup guides, architecture details, and user manuals. Customized Product as per Client wish as CR(Customer Request) Pattern.