LYNA BEGUM B
.NET & SQL Developer

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Technically proficient .NET and SQL developer with 2 years of experience in building scalable APIs using .NET Core and managing databases with PostgreSQL and SQL Server. Skilled in writing optimized stored procedures, database migrations, and integrating SSRS, Fast Reports, and Power BI. Experienced in Agile delivery using JIRA and ITSM in cloud-based environments. Actively seeking backend-focused roles involving API development, PostgreSQL and SQL Server query optimization, and report building using modern reporting tools.

TECHNICAL SKILLS

Backend & Databases

- ASP.NET /ASP .NET Core
- MVC, Javascript, Webforms
- PostgreSQL, SQL Server, Stored Procedures, Triggers, Views

Reporting &Visualization

- SSRS
- Power BI
- Fast Reports

Architecture & Methodologies

- Three-Layer Architecture
- Microservices
- Agile, Scrum

WORK EXPERIENCE

FULL STACK DEVELOPER
AuroiTech Digital Solutions Foundation | *Apr 2024 – Sept 2025* | Chennai
Key Skills: ASP.NET Core 8, EF Core 8, PostgreSQL, Dapper,Fast Reports, SSRS, Google Cloud Storage
Project: EMR 2.0 – Cloud-Based Electronic Medical Records System
- Re-architected a legacy EMR into a modular, cloud-native platform using .NET 8 and PostgreSQL, reducing downtime by 30%.
- Built secure REST APIs handling 10K+ daily requests across patient, billing and report modules.
- Migrated SQL Server logic to PostgreSQL with optimized stored procedures and schema design for high performance.
- Integrated Fast Reports and Google Cloud Storage for automated document generation and secure archival.
- Delivered real-time analytics through SSRS dashboards for clinical and administrative users.

ASSOCIATE SOFTWARE ENGINEER
Aravind Eye Care System (Aravind Eye Hospital) | *Jun 2023 – Mar 2024* | Chennai
Key Skills: ASP.NET MVC 5, Web Forms, C#, SQL Server, PostgreSQL, SSRS, LINQ, JavaScript, jQuery
Project: EMR 1.0 – Legacy Healthcare System
- Enhanced Eyenotes EMR 1.0 by integrating .NET Core REST APIs into legacy MVC architecture and embedding Angular components.
- Refactored stored procedures, CTEs and views to reduce query execution time by 40% and enable migration to PostgreSQL.
- Designed and deployed SSRS reports for hospital operations supporting real-time data visibility.

Project: Stores & Inventory Management System (Ophthalmology Department)
- Built a comprehensive tracking system for ophthalmic materials (lenses, injections, consumables).
- Implemented SQL-based inward/outward transactions and real-time stock visibility for supply departments.
- Created vendor-wise purchase and issue reports to reduce material shortages and wastage.

TRAINEE ENGINEER
Aravind Eye Care System (Aravind Eye Hospital) | *Mar 2023 – May 2023* | Chennai
Key Skills: VB.NET, ASP.NET Web Forms, SQL Server, HTML 5, CSS, JavaScript
Project: HRIS – Human Resource Information System
- Developed and supported HR modules for attendance, leave and payroll management.
- Debugged VB.NET modules and optimized SQL stored procedures, improving dashboard speed and data accuracy by 40%.
- Automated reporting and data flow between HR modules to reduce manual errors and enhance consistency.

KEY ACHIEVEMENTS

- Database Optimization: Reduced query execution times by 40% through indexing, query tuning, and migration strategies.
- SaaS Product Mindset: Delivered modular backend services with secure APIs & reporting for healthcare domain, directly aligning with product-based development.
- Agile Practices: Worked in sprint-based delivery using JIRA & Azure DevOps, ensuring continuous integration and faster deployments.
- Cloud Integration: Designed a .NET Core microservice for Google Cloud Storage, improving modularity and secure file handling

EDUCATION

Bachelor of Engineering in Biomedical Engineering
Saveetha Engineering College, Chennai — 2023
CGPA: 9.02 / 10

Higher Secondary (HSC)
MWA Matric Hr. Sec. School, Chennai — 2019
Score: 82%

SSLC
MWA Matric Hr. Sec. School, Chennai — 2017
Score: 98%