

# GOKUL R

## SOFTWARE DEVELOPER

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## SUMMARY

.NET Developer with 4+ years of experience in designing, developing, and maintaining web and Windows applications using C#, ASP.NET, .NET Core, and SQL Server. Strong expertise in database development, RESTful API integration, and application performance optimization. Experienced in working with frontend technologies, Flutter, and Android (Kotlin). Proven ability to deliver scalable, high-quality software solutions in startup and product-based environments.

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## EXPERIENCE

### Software Engineer

June 2022 – Present

Shreyas Tech Solutions | Chennai, India

- Developed and enhanced Windows applications using C# and .NET Framework, supporting core business workflows.
  - Planned and executed backend services and RESTful APIs using ASP.NET and .NET Core.
  - Created and improved SQL Server databases, including tables, views, stored procedures, functions, and indexes.
  - Performed SQL query optimization and performance tuning to improve response time and data accuracy.
  - Applied exception handling, logging, and validation to ensure application reliability and security.
  - Integrated applications with third-party services and internal systems.
  - Participated in requirement analysis, development, testing, and deployment cycles.
  - Fixed production issues through effective debugging and root cause analysis.
  - Collaborated with cross-functional teams to ensure timely and scalable solution delivery.
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## EDUCATION

### Bachelor of Engineering (BE) - ECE

2019 – 2022

Muthayammal Engineering College

GPA : 8.5/10

### Diploma in Electronics and Communication Engineering (DECE)

2015 – 2019

Muthayammal Polytechnic College

Percentage: 87%

## PROJECT

### Software Developer

Aug 2022 – Present

#### Infrastructure Log Monitoring Tool (Internal Product)

- Developed a robust Windows desktop application using C#, WinForms, and .NET Framework, enabling efficient monitoring of system activities.
- Monitored SQL Server and Windows service error logs, providing real-time visibility into potential issues and system failures.
- Designed and implemented backend logic for error classification, filtering, and detailed reporting, improving troubleshooting and analysis efficiency.
- Integrated database-driven logging with comprehensive exception handling, ensuring smooth operation and accurate tracking of system events.

#### Booking Application Development (Client Product)

- Contributed to full-stack development of a Booking Application with focus on backend services, business logic, and database design
- Created and optimized SQL Server database schemas, stored procedures, and queries to support booking workflows and transactions
- Implemented backend validations and data integrity checks to ensure accurate booking and availability management
- Enhanced application performance and scalability through query optimization and efficient database indexing strategies
- Collaborated with cross-functional teams including frontend developers, QA engineers, and product managers to deliver reliable solutions
- Participated in code reviews, testing, and deployment activities following Agile methodology and SDLC best practices

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## TECHNICAL SKILLS

- **Programming Languages:** C#, MySQL, JavaScript, HTML, CSS, Flutter (Basic)
- **Frameworks & Technologies:** ASP.NET, ASP.NET MVC, .NET Core, .NET Framework, WinForms, Bootstrap
- **Database Management:** SQL Server, MySQL, T-SQL, Stored Procedures, Views, Indexing, Query Optimization, Database Design, Performance Tuning
- **Tools & IDEs:** Visual Studio, Visual Studio Code, SQL Server Management Studio (SSMS), Git, Postman, Android Studio, Sublime Text, JetBrains IDEs
- **API Development:** RESTful APIs, Web Services, Backend Service Development
- **Software Development:** Object-Oriented Programming (OOP), Design Patterns, Debugging, Troubleshooting, Code Optimization, Exception Handling, Logging
- **Automation & AI Tools:** N8N, Antigravity, Loveable, Flowise, Prompt Engineering, Workflow Automation, Agentic AI Integration
- **Methodologies:** Agile, SDLC, Test-Driven Development, Version Control (Git)
- **Core Competencies:** Application Performance Tuning, System Monitoring, Data Integrity, Backend Architecture, Cross-functional Collaboration