

Palavalli Sreeram Reddy

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SUMMARY

Dedicated and highly skilled .NET Backend Developer with over 3+ years of experience in designing, developing, and integrating backend applications. Experienced in building REST APIs, working with SQL Server and Oracle databases, and handling complex healthcare integrations using Mirth Connect. Seeking a challenging position where I can apply my backend development expertise, problem-solving skills, and strong understanding of database-driven systems to contribute to a high-performing development team.

KEY SKILLS

- Application Development • Testing • Documentation • Coding • Code Reviews • Application Debugging
- Software Development • Application Designing & Deployment • Sprint Planning • Project Issue Resolution • Unit Testing • Test Protocol Development • Application Testing • Program Debugging & Modification • Quality Assurance • Report Generation
- Client Servicing • Team Leadership & Training • Process Optimization

TECHNICAL SKILLS

Front-End Technologies: HTML5, CSS3, JavaScript

Back-End Technologies: C#, .NET Framework, ASP.NET Core, ASP.NET MVC, ADO.NET, JSON, HL7, XML, ASP.NET WEB API

Database: SQL Server, MySQL

Web Services: RESTful APIs

Tools: Visual Studio, Visual Studio Code, MIRTH CONNECT SERVER

Problem Solving: Strong analytical and troubleshooting skills

PROFESSIONAL EXPERIENCE

.NET Developer

Jan'23 - Present

Suvarna Technosoft Pvt.LTD | Hyderabad, TS

Technology company that specializes in Healthcare product

End-to-End Software Development

Oversaw **end-to-end software development** life cycle, **debugged applications** & configured **existing systems**

- o Improved development and operational **processes by 30%**

Application Development

- Communicated with the **technology managers** to determine application requirements and designed the same accordingly
- Organized & attended weekly **project meetings** with other technical staff members, **business owners, and SMEs**

Policy Formulation

- Formulated **policies or patterns** to raise the level of productivity of the entire **organization by 25%**
- Spearheaded & supervised a **team of 2+** junior developers and trained them on designing & testing .NET applications

Troubleshooting & Issue Resolution

- Troubleshot, debugged and **modified existing programs** to improve **performance by 35%**
- Coordinated with the **clients** to understand their requirements and how they translate to **new application features**

PROJECTS:

Client: Ramesh Hospitals, Bird Hospital

Employer: Suvarna Technosoft Private Limited (www.suvarna.co.in), Software Engineer

Project Name: **Enterprise Resource Planning. (ERP).**

- Integrated ERP with the hospital's backend to receive GRN (Goods Receipt Note) data and item details
- Inserted GRN and item information into the Oracle database after validating and transforming the payload.
- Worked with ERP-provided JSON payloads, converting them into XML format as required for Oracle stored procedures and internal systems
- Automated workflows to handle: GRN data processing, Item master updates, Stock and inventory reconciliation
- Ensured smooth end-to-end data flow between ERP, Oracle DB, and hospital financial systems.
- Supported revenue reporting by sending department-wise billing and total hospital revenue to the ERP.

Environment: Visual Studio 2019, .NET Framework 8.0, C#, JavaScript, Oracle DB, SQL Server, Mirth Connect, REST APIs, XML, JSON

Client: KIMS (Krishna Institute of Medical Science), RCHC(Royal CareHospitals),MGM(Mahatma Gandhi Medical Hospital), DYPatil Hospital,Medicover Hospitals

Employer: Suvarna Technosoft Private Limited (www. suvarna.co.in), Software Engineer

Project Name: HL7 (Health Level 7).

Environment: Visual Studio 2019.Net Framework 8.0, C#, ADO.Net, SQL Server 2008 and Oracle.

Project Description:

- Laboratory administration application that is geared to meet the challenges of modern Laboratory
- Radiology Orders has to send directly from HIMS (Hospital Information Management System) to PACS Application which is provided by Vendor from there They can process the Machine interface.
- PACS application send back to Scan complete message and Result message to HIMS Then HIMS gives the reports to the Patient.
- Here two-way communication is being done. HL7 orders are transmitting and receiving done in bi-direction manner.

Coding

- Built and maintained efficient, reusable, and **reliable code** via **.NET languages** & maintained **code quality**
 - Assured the best possible performance, **100% quality**, and **responsiveness of applications**

Application Development & Testing

- Tested and deployed applications & systems and revised, updated, refactored & **debugged code**
- Instituted **technical interfaces**, specifications, & architecture for the **development of new applications**

Client Servicing

- Assisted **5 software personnel** on handling project-related work and fulfilling **client requirements**
- Liaised with other software professionals & developers to produce **software design & architecture**
- Developed & monitored **coding documentation**, project progress **reports**, and application **maintenance logs**

Software Testing Intern / Trainee

Aug'22 - Dec'22

Suvarna Technosoft Pvt.LTD | Hyderabad, TS

- Performed API testing for multiple modules, validating request/response structures, status codes, and business logic.
- Tested stored procedures in SQL Server and Oracle by verifying input parameters, output data, query logic, and performance.
- Validated backend connectivity and data flow between applications using ADO.NET, ensuring proper server communication and database transactions.
- Identified, analyzed, and resolved various software bugs by following systematic testing methodologies and documentation standards.
- Gained hands-on experience with SQL for data validation and Crystal Reports for report verification and customization.
- Contributed to improving application reliability, stability, and performance during internal testing cycles.

EDUCATION

Bachelor of Computer Application, BCA

2018 - 2021

Unity Degree College | Visakhapatnam, AP