

SUNDARAMAHALINGAM V

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PROFESSIONAL SUMMARY

Full-stack software developer with 1.4 years of hands-on experience in designing, developing, and maintaining ERP systems using PostgreSQL, .NET framework and Angular. Proficient in full-stack development, database management, and API integration. Adept at collaborating with cross-functional teams to deliver scalable and efficient solutions. Strong problem-solving skills and a passion for learning new technologies.

WORK EXPERIENCE

CONPRG TECHNOLOGIES (OPC) PVT. LTD, Chennai

SEP 2024-Present

Project:

- Title : RmKV ERP PROJECT.
- Client : RmKV Silks Pvt. Ltd.,
- Duration : SEP – 2024 – Till Now.
- Programming Languages : C#, JavaScript, Typescript.
- Frameworks & Libraries : .NET Core, Angular (14+), Entity Framework, RxJS
- Web Technologies : HTML5, SCSS, Restful APIs, JSON, XML
- Databases : PostgreSQL
- Tools & Platforms : Visual Studio, Visual Studio Code, GIT, DevOps, Postman, Source Tree, Jenkins.
- ERP Knowledge : Experience in ERP modules (e.g., Dashboard, Billing, Inventory, HR & Accounts).

Description:

The RMKV ERP system is an integrated software solution designed to streamline and automate core business functions, including **Billing, Inventory Management, Accounting, Human Resource Management System (HRMS)**, and a comprehensive **Dashboard** for real-time analytics and decision-making. The system is aimed at improving operational efficiency, reducing manual effort, and providing a unified platform for tracking and managing day-to-day business operations

They have their industries in multiple states so to monitor the process and the purchased details, they developed an ERP app. And used to track the goods status and to consolidate the stock maintenance. They generate multiple reports to improve their business, analysis the stock details and to simplify the process.

Responsibilities:

Full Stack Developer

- Review and analyze Requirement document or PRD.
- Writing understandable HTML, Typescript and CSS code using angular framework.
- Designed and implemented Restful APIs in .NET Core, ensuring smooth data exchange between the front-end and back-end.
- Integrated Angular components with .NET Core Web API, enhancing the user interface and improving overall application performance. Utilized Angular services, directives, and lifecycle hooks to ensure efficient data binding and reusable components.
- Involved in writing Postgres server store procedure for CRUD Operations.
- Writing error-free codes identify and debug the coding errors.
- Experience using Git / Bit Bucket, Familiarity with deployment, monitoring and debugging of angular application.
- Implemented authentication and role-based authorization using JWT tokens.
- Integrated third-party services like SMS gateways and email notifications.

KEY ACHIEVEMENTS

- Successfully delivered over 15+ high-priority features across core ERP modules, contributing to a 30% improvement in user productivity.
- Optimized complex PostgreSQL queries and .NET API endpoints, resulting in a 25% reduction in data retrieval time and improved system scalability.
- Integrated RxJS and Angular reactive programming techniques, enabling smoother UI interactions and reducing component-level bugs by 40%.
- Led module-level discussions and contributed to architecture design decisions that reduced technical debt and improved code reusability.
- Played a key role in end-to-end ERP system upgrades, minimizing downtime during production deployments and ensuring seamless transitions.
- Created reusable Angular services and utilities, reducing development time for new modules by 20%.

SKILLS

- Languages : C#, SQL, Typescript, JavaScript
- IDE & Tools : Visual Studio Code, Visual Studio, SSMS, Source Tree
- Database : SQL Server 2008 version and PostgreSQL
- Web Development : SQL HTML, CSS, Typescript.
- Framework : Angular 14 and above, ASP .Net Core
- Operating Systems : Windows and Linux
- Version Control Tool : Git.

EDUCATION

SACS MAVMM Engineering College
Bachelor of Engineering (B.E.Mechanical Engineering)

July 2013–Apr 2017

PERSONAL INFO

- Father's Name : Venkatesan
- Sex : Male
- Date of Birth : 10/01/1995
- Languages Known : Tamil, English