Suresh Kanna S

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Objective

Detail-oriented .NET Developer with 2 years of experience in building and maintaining scalable backend solutions using ASP.NET Core Web API, Azure Functions, and SQL/Cosmos DB. Skilled in developing RESTful APIs, integrating cloud services, and implementing secure data access layers. Experienced in creating and enhancing rental management and equipment transfer systems with strong focus on performance, reliability, and automation. Proficient in Azure App Service, Azure Storage, and DevOps pipelines. A collaborative team player with solid problem-solving and debugging skills, dedicated to delivering efficient and high-quality software solutions.

Experience

- **Softura**   27/07/2023 - 31/12/2023
  Trainee
  Gained hands-on experience in ASP.NET Web API, ASP.NET MVC, and .NET Core Web API during real-time training.

  Worked on building RESTful APIs with controllers, models, routing, dependency injection, and backend logic.

  Used Postman extensively for API testing, debugging, and validating request/response flows.

  Contributed to developing web applications using .NET Core and MVC frameworks with CRUD operations and SQL integration.

  Learned SQL Server basics, including writing queries, stored procedures, and connecting databases to .NET applications.

  Built a strong foundation in backend development, debugging, and understanding industry-level project structure.

- **Softura**   03/01/2024 - Current
  Software Engineer
  Developed backend APIs using ASP.NET Core Web API to manage booking, transfer, and equipment data modules.

  Implemented Azure Functions for background processing

  Integrated Azure Cosmos DB and SQL Server for handling structured and unstructured data efficiently.

  Collaborated with cross-functional teams to ensure seamless deployment through Azure DevOps pipelines and App Service.

  Optimized API performance, improved query efficiency, and ensured data integrity through secure design practices.

  Participated in Agile sprint planning, requirement analysis, and issue resolution for production releases.

  Collaborated with teams to debug, test, and deploy applications on Azure App Service.

Education

- **Guru Nanak College, Chennai**   2023
  BCA
  8.9

Skills

- ASP.NET Core Web API,MVC,Azure Functions, Cosmos DB,SQL, Azure Devops, Postman, Visual studio

Projects

- **Fleet Management and Rental Application**
  Developed a web-based platform to streamline machinery rental operations for multiple client organizations.

  Enabled clients to list machinery, request rental quotes, and approve or reject bookings through an automated workflow.

  Implemented features to track rental status, monitor active bookings, and manage end-to-end transaction flow.

  Built integrated modules for employee management, including attendance, roles, salary components, and payroll processing.

  Added invoice generation features to ensure accurate billing for both rental and payroll transactions.

  Delivered a complete solution that improves operational efficiency, financial accuracy, and rental management automation.

- **Machinery Transfer Management System**
  Developed a web-based system to manage internal and external machinery transfers across multiple company locations.

  Enabled users to raise transfer requests by selecting machinery, source, and destination locations.

  Implemented an automated approval workflow, routing requests to the appropriate approvers based on hierarchy.

  Added real-time tracking features to monitor approval status, comments, and transfer progress.

  Maintained complete logs of machinery allocation, transfer history, and location-wise availability.

  Improved transparency and coordination between departments through automated notifications and streamlined workflows

Languages

- Tamil, English

Personal Details

- Date of Birth : 19/06/2003