

SURAJ

Software Engineer

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SUMMARY

An accomplished .NET Developer with extensive experience in designing, developing, and deploying robust and scalable applications. Proficient in leveraging the Microsoft .NET framework, including .NET Core and .NET Framework, to build enterprise-grade software solutions. Skilled in object-oriented programming, software architecture, and full-stack development with a strong emphasis on clean code, performance optimization, and agile methodologies.

EDUCATION

Indira Gandhi National Open University

Master in Computer Application
2021 – 2023

Indira Gandhi National Open University

Bachelor of Computer Application
2016 – 2019

SKILLS

- Languages & Frameworks: C#, ASP.NET MVC, .NET Core, Web API, Entity Framework, LINQ
- Front-End Development: HTML5, CSS3, JavaScript, Angular, JQuery
- Databases: SQL Server, PostgreSQL, MySQL
- Cloud & DevOps: Azure, CI/CD pipelines (Beginner), GitHub Actions
- Tools Platforms: Visual Studio, Azure, Git

CERTIFICATIONS

- Build an app with ASPNET Core and Angular from scratch

PROFESSIONAL EXPERIENCE

Software Engineer

Destination Technologies | 2021 – Present

- Implemented software developments and changes.
- Generated back-end programming using software systems
- Coordinate and schedule meetings and conferences with internal and external teams.
- Researches and develops new ways to improve development process.
- Mentors Junior Software Engineers.
- API development & Integration

Experience

- **Backend Development:** Expertise in creating RESTful APIs, integrating third-party services, and implementing security best practices such as OAuth and JWT.
- **Frontend Collaboration:** Strong experience in collaborating with UI/UX teams to ensure seamless integration of APIs with responsive frontends.
- **Database Management:** Proficient in database design, optimization, and writing complex queries, stored procedures, and triggers.
- **Deployment:** Experienced in deploying and scaling applications in server environments. Problem-Solving: Adept at debugging, troubleshooting, and resolving application performance issues.

Soft Skills

- Strong analytical and problem-solving abilities.
- Excellent communication and collaboration with cross functional teams.
- Agile methodology, Waterfall model

PROJECTS

SITE ACCESS PERMIT TOOL (ESAP)

This project is provide the flexibility to the client to get the information about the Sites which is installed in the different places, each sites has manager and user , so the admin add the role, manage the sites, and manage the user. This project is based on the manage services related to 2 level approval site permit and check in checkout in sites based on QR code. The project is used for sites which is manage by Admin and each sites are assigned to user by the line manager, when manager assign the site to the user (field technician) then user get an email with QR code for each site, the user visit the sites and perform checkin (geo fencing) and fill the appropriate details In the tool and the details are (site name, site lock, site engine image, etc) then do checkout with current latlong and signature. Then submitted data upload on the server and manager will gets email to approve the data filled by the user.

Role:-

- As a Developer(Lead) , actively contributed towards the development of integration process.
- Code and Process optimization to increase Process scalability and performance.
- Managing and resolving support cases received from Support team on ground of technical issues.
- Meeting with the manager and client to get involve in requirements and features.
- Create db structure ,keys , store procedurs , functions etc. & Deployment in dedicated server. .
- Maintenance of the software, enhancement of the functionalities.
- Deployment on server

Technology : -.net core , SQL server, C# (backend)

EMPLOYEE SURVEY

This project is based on the employee who joins the company send them company survey, for getting their feedback about the company, knowlege. In this project have 2 user one is Admin who create survey and second one is employee who fills the survey. Admin create the survey then create the control like Textbox, Dropdown, Rating, Rating with options, Branching etc , basically all controls are Type of questions . the survey map to the sequence and day where the survey send to the employee. The first survey goes after the 5 days of joining and other surveys goes send after 15 days, other one month and so on as day are set by the admin . the admin have reporting feature (Charts, bargraphs), and resend the survey, check survey status employee wise.

Role:-

- As a Developer , create the admin panel, auto schedulers, sql functions, etc.
- Code and Process optimization to increase Process scalability and performance.
- Managing and resolving support cases received from Support team on ground of technical issues.
- Meeting with the manager and client to get involve in requirements and features. .
- Maintenance of the software, enhancement of the functionalities

Technology : -.net core , SQL server, C# (backend)

FACT (FIELD ENGINEER ACTIVITY TOOL)

This project is based on the web and provide the dynamic user interface to user as per requirements and reports in Excel format. It works for many regions.This project has admin which controls over the sites, users, tasks, customers, Countries and Create the checklists called (dynamic forms), and checklist is created by the admin which contain the controls ex(textbox, radiobutton, datetime, dropdown, barcode, camera etc), the checklist contain forms, which is display to the user. And those checklists published on the specific Circle and role and Country . The users have specific role and Circle and site_id and task_Id. User can visible only those checklist who has published on the their role and Circle and Country. User fill the checklist and submit the data for specifc task and site then pdf sent to his mail along with approver. Then approver of the country (user) which has approver role can approve and reject the checklist. If user reject the checklist then user can modify the checklist and can resubmit for approval . this is called LEVEL wise approval.

Role:-

- As a Developer , create the admin panel, auto schedulers, sql functions, etc.
- Code and Process optimization to increase Process scalability and performance.
- Managing and resolving support cases received from Support team on ground of technical issues.
- Excel reporting Creating Query for Reporting system .
- Maintenance of the software, enhancement of the functionalities. .
- Third patry tools integration

Technology : Asp.Net web forms, SQL server, .Net Core(API), Azure, Azure Auth, Azure key vault

Special features: Barcode reader using Dynamsoft QR library, Signature pad (JS)