

OMKAR KOTAMIRE

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Summary

As a Software Developer with 2+ year of experience, I have honed my expertise in a variety of programming languages and technologies including C#, .NET Framework, .NET Core, ASP .NET, MVC, MSSQL, Web API development. My ability to simplify complex requirements into effective solutions has been proven through my work as a team collaborator delivering high-quality software.

Experience

Software Developer

05/2025 to 08/2025

Kit19 — Remote

Delhi, India

WhatsApp Business Platform Integration:

- Developed and integrated WhatsApp Business Platform with a React.js frontend and .NET Core (MVC) backend APIs to enable businesses to send and receive real-time messages with customers.
- Designed and implemented RESTful APIs in .NET Core MVC for message handling, template management, and broadcast scheduling.
- Built interactive message templates (text, media, and carousel formats) with dynamic placeholders, validation, and live preview.
- Developed a Template Builder UI for marketing teams to create, edit, and manage WhatsApp-approved templates with support for headers, footers, quick replies, and CTAs.
- Implemented a segmentation-based broadcast module with scheduling, template selection, and audience targeting.
- Ensured compliance with Meta's template structure and automated placeholder substitution to generate user-personalized WhatsApp messages.

Software Developer

07/2023 to 05/2025

Skandha Media Services

Mumbai, India

OnAir Tool for Broadcasting and Live Stream Management:

- An OnAir tool developed in .NET Framework and C#. It is used to insert commercials, bands, slates, watermarks, and bugs in a live stream.
- In broadcasting, this tool refers to transmitting radio or television programs from a broadcaster to the audience.
- Supported OTT platforms in ensuring uninterrupted live stream delivery to audiences.
- Implemented logic to manage ad crashes, ensuring accurate reporting and SCTE message delivery.

Web-Based Playout System for On-Air Tool:

- Developed a web-based playout system to manage live broadcasting operations.
- Facilitated seamless client-server communication for real-time interaction with APIs designed and implemented APIs in ASP.NET Core.
- Delivered a robust web-based solution for playout system management
- Contributed to transitioning traditional on-air tools to a scalable, web-based platform.

Scroll Automation Application for OTT Live Events:

- Developed a Scroll Automation Application to simplify scroll generation for OTT live events like IPL, WPL, Asia Cup, ISL, ICC CWC and Premier League.
- The tool automated scroll creation, boosting efficiency and accuracy in delivering real-time event updates to viewers.
- Tested and deployed the application for high-profile events, ensuring reliability under live conditions.
- Developed user-friendly interfaces for configuring and managing event scrolls.

Video Streaming and Recording Platform

- Developed a full-stack web application using React, Node.js, and Express.js for video stream management and recording.
- Implemented backend APIs with FFmpeg for stream probing, recording, screenshot capture, and automatic reconnection logic.
- Integrated Google Cloud Storage for secure file uploads and added disk space monitoring for efficient storage management.

- Designed a responsive React frontend with React Hook Form for dynamic stream configuration and validation.
- Created an intuitive UI , enabling real-time stream status updates and preview functionality.

SLStreamerPro Configuration Update – API & Service Management:

- Developed and managed API endpoints for stopping, updating, and restarting the SLStreamerPro application.
- Implemented automated configuration updates by modifying XML-based settings, including Graph Name, IP Address, Port, Protocol, and PID values.
- Orchestrated Windows service interactions for SLStreamerPro, ensuring seamless application restarts via SLGraphService and SLGraphScheduler.
- Ensured reliability by enforcing API-driven validation and proper service stop-start sequences.
- Optimized workflow efficiency by designing a structured process for handling application configuration updates.

Skills

- | | |
|-------------------|--------------|
| • C# | • CSS |
| • .NET Framework | • JavaScript |
| • WinForms | • React js |
| • ASP.NET Core | • Node.js |
| • ASP.NET Web API | • Linux |
| • MVC | • Git |
| • HTML | • SQL |

Education

D. Y. Patil College of Engineering and Technology
B.Tech.Computer Science & Engineering
08/2019 - 07/2023

Kolhapur

Higher Secondary School

Kisanrao More College, Sarawade
Score 69.80 %
04/2018 - 05/2019

Languages

English:  B2
Upper Intermediate

Hindi:  B2
Upper Intermediate

Marathi:  C2
Proficient

Hobbies and interests

- Learning new things
- Playing Cricket
- Traveling to new places