

SOURAV KUMAR

Software Developer | ASP.NET Core | C# | Full Stack Development

+91 7992253299 | souravkr512000@gmail.com | linkedin.com/in/sourav-kumar-297b16197

PROFESSIONAL SUMMARY

Software Developer with 4 years of experience in software development, industrial automation, and system integration. Proficient in designing, developing, testing, and maintaining software applications using ASP.NET Core, C#, MVC, and SQL Server. Strong expertise in Software Development Life Cycle (SDLC), REST API development, CI/CD pipelines, Azure cloud deployment, and quality assurance. Proven ability to analyze client requirements, perform root cause analysis, fix bugs, and deliver 100% error-free solutions with on-time delivery. Skilled in unit testing, code review, technical documentation, and cross-functional collaboration.

TECHNICAL SKILLS

Programming	C#, ASP.NET Core, VB.NET, Python, JavaScript, PHP, C++
Web Technologies	ASP.NET MVC, Angular, HTML5, CSS3, REST APIs, Web Services, JSON, XML
Database	SQL Server, Oracle, MySQL, DB2, Stored Procedures, LINQ, Entity Framework
Tools & DevOps	Visual Studio, Git, GitHub, Jenkins, Azure DevOps, CI/CD Pipelines, Postman
Cloud Platform	Microsoft Azure (App Services, Deployment, Configuration, Monitoring)
Methodologies	Agile/Scrum, SDLC, Unit Testing, Integration Testing, Code Review
Industrial	PLC/SCADA, Modbus TCP/RTU, IEC 61850, IoT, SAP-PM

PROFESSIONAL EXPERIENCE

Rugged Monitoring Engineering Services Application Engineer	Oct 2024 – Present
<ul style="list-style-type: none">Design, develop, and maintain software applications using C#, ASP.NET Core, and SQL Server following SDLC methodologyBuild and consume RESTful APIs for seamless data integration between systemsDevelop automation tools using C# and Python, achieving 40% improvement in deployment efficiencyImplement CI/CD pipelines using Jenkins and GitHub ensuring error-free deploymentDeploy and configure cloud-based solutions on Microsoft Azure platformWrite unit tests and perform quality assurance to ensure 100% code qualityDebug, troubleshoot, and fix bugs in production; perform root cause analysisPrepare technical documentation including system design, flowcharts, and code comments	
Amalgam Steel Pvt. Ltd., Jamshedpur Electrical and Automation Engineer	Dec 2022 – Sep 2024
<ul style="list-style-type: none">Developed internal software tools and automation scripts using VBA and SQL for operations managementBuilt database-driven reporting dashboards with complex SQL queries and stored proceduresIntegrated enterprise software (SAP-PM) with custom modules for workflow automationPerformed debugging, troubleshooting, and root cause analysis for system issuesCreated automated MIS reporting systems ensuring 100% accuracy and timely deliveryCollaborated with IT teams to gather requirements and implement software solutions	
JSW ISPL, Raigarh Junior Engineer - Central Utility	Feb 2022 – Dec 2022
<ul style="list-style-type: none">Collaborated with IT teams for real-time monitoring using SCADA systems and IoT dashboardsDeveloped Excel-based dashboards and integrated with CMMS tools for equipment trackingParticipated in digital transformation initiatives including equipment tagging and KPI reporting	
JSW ISPL, Raigarh Diploma Engineer Trainee (DET)	Feb 2021 – Feb 2022
<ul style="list-style-type: none">Gained hands-on experience with PLC-based control systems, HMI operations, and fault diagnosticsSupported digital maintenance records and asset tracking through internal software tools	

PROJECTS

1. Employee Management System

ASP.NET Core MVC, C#, SQL Server, Entity Framework

- Built a full-stack web application with CRUD operations for employee data management
- Implemented authentication and authorization using ASP.NET Core Identity
- Used Entity Framework Core for database operations with code-first approach

2. REST API for Task Manager

ASP.NET Core Web API, C#, SQL Server, Swagger

- Developed RESTful API endpoints for task management with JWT authentication
- Implemented repository pattern and dependency injection for clean architecture
- Documented API using Swagger/OpenAPI specification

3. Deployment Automation Tool

Python, C#, PowerShell, Jenkins

- Developed automation scripts for software deployment and validation
- Integrated with Jenkins for CI/CD pipeline automation; reduced manual effort by 40%

4. Maintenance Reporting Dashboard

Excel VBA, SQL Server, SAP-PM Integration

- Created automated reporting dashboard for maintenance tracking
- Integrated with SAP-PM for data extraction; improved reporting accuracy to 100%

EDUCATION

B.Tech in Electrical & Electronics Engineering

Seemnata Engineering College

Diploma in Electrical Engineering

Beharagora Polytechnic College

CERTIFICATIONS

- Microsoft Azure Fundamentals
- Python for Engineers
- Industrial Automation (PLC & SCADA)
- IoT Certification

ACHIEVEMENTS & AWARDS

- INSTA Award** – Recognized for outstanding performance and project delivery
- Performance Badge** – Awarded for consistent quality and timely delivery
- Client Appreciation** – Recognized for excellent communication and problem resolution

KEY STRENGTHS

Programming & Development

C# • ASP.NET Core • Python • SQL • REST APIs • MVC

DevOps & Cloud

CI/CD Pipelines • Azure • Git • Jenkins • Automation

Database

SQL Server • Stored Procedures • Query Writing • Data Analysis

Problem Solving

Root Cause Analysis • Debugging • Troubleshooting • Optimization

Industrial Knowledge

PLC/SCADA • Modbus • IEC 61850 • IoT • SAP-PM

Soft Skills

Quick Learner • Team Player • Communication • Documentation