SOURAV KUMAR

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

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PROFESSIONAL SUMMARY

Software Developer with 2+ years of hands-on experience in designing, developing, and deploying software applications using ASP.NET Core, C#, MVC, and SQL Server. Additionally, possess 2+ years of relevant experience in industrial automation, system integration, and software-driven solutions. Proficient in full Software Development Life Cycle (SDLC), REST API development, CI/CD pipelines, Azure cloud deployment, and quality assurance. Strong ability to analyze requirements, debug and troubleshoot applications, perform root cause analysis, and deliver error-free solutions with 100% on-time delivery.

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, TDD

PROFESSIONAL EXPERIENCE

Rugged Monitoring Engineering Services   Oct 2024 – Present
Software Developer

- Design, develop, and maintain software applications using C#, ASP.NET Core, and SQL Server following Agile/SDLC methodology
- Build and consume RESTful APIs for seamless data integration between front-end and back-end systems
- Develop automation scripts using Python and C#, achieving 40% improvement in deployment efficiency
- Implement and manage CI/CD pipelines using Jenkins and GitHub ensuring zero-downtime deployments
- Deploy, configure, and monitor cloud-based applications on Microsoft Azure platform
- Write unit tests and perform integration testing to ensure code quality and application reliability
- Debug and troubleshoot production issues; perform root cause analysis and implement fixes
- Collaborate with cross-functional teams to gather requirements and deliver client-focused solutions

Amalgam Steel Pvt. Ltd., Jamshedpur   Dec 2022 – Sep 2024
Software & Automation Engineer

- Developed internal web applications and automation tools using ASP.NET MVC and SQL Server for operations management
- Built database-driven reporting dashboards with complex SQL queries, stored procedures, and data visualization
- Integrated enterprise software (SAP-PM) with custom modules for workflow automation and data synchronization
- Performed debugging, troubleshooting, and root cause analysis for software and system issues
- Created automated MIS reporting systems ensuring 100% accuracy and timely report generation
- Collaborated with IT and operations teams to gather requirements and implement software solutions

JSW ISPL, Raigarh   Feb 2022 – Dec 2022
Junior Software Engineer - Systems

- Developed data-driven dashboards and reporting tools using Excel VBA and database integration
- Collaborated with IT teams to implement real-time monitoring solutions using SCADA and IoT platforms

- Participated in software implementation projects including system configuration and data migration
- Maintained technical documentation and provided end-user support for software applications

JSW ISPL, Raigarh   Feb 2021 – Feb 2022

Graduate Trainee - Technical

- Gained foundational experience in software development, database management, and system integration
- Assisted in developing and testing software modules for asset tracking and maintenance management
- Learned PLC programming, HMI configuration, and industrial control system fundamentals

KEY PROJECTS

1. Remote Monitoring Web Application   *ASP.NET Core, C#, REST API, Azure, SQL Server*

- Developed full-stack web application for remote monitoring with real-time data visualization and alerts
- Built RESTful APIs for communication between IoT devices and central server; integrated Azure cloud services
- Implemented automated deployment scripts reducing deployment errors by 95% and time by 40%

2. Enterprise Maintenance Management System   *ASP.NET MVC, C#, SQL Server, SAP Integration*

- Designed and developed web-based maintenance management system with preventive scheduling module
- Integrated with SAP-PM for seamless data exchange; implemented automated email notification system
- Built comprehensive reporting module with dynamic SQL queries and export functionality

3. Automated Testing Framework   *Python, C#, Unit Testing, Test Automation*

- Developed automated testing framework for software validation with test case management system
- Reduced manual testing effort by 60%; implemented automated test reports and defect tracking

4. Real-Time Analytics Dashboard   *Angular, C#, SQL Server, SignalR*

- Built interactive dashboard with real-time data updates using SignalR for live monitoring
- Implemented KPI widgets, trend charts, and drill-down reports; reduced decision-making time by 30%

5. CI/CD Pipeline Implementation   *Jenkins, GitHub Actions, Azure DevOps, PowerShell*

- Designed and implemented end-to-end CI/CD pipeline for automated build, test, and deployment
- Configured Jenkins jobs with GitHub webhooks; achieved 100% error-free automated deployments

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 project delivery and technical excellence
- **Performance Badge** – Awarded for consistent code quality and on-time delivery
- **Client Appreciation** – Recognized for exceptional communication and problem resolution

KEY COMPETENCIES

Software Development	**Quality Assurance**	**DevOps & Cloud**
Full Stack Development • SDLC • REST APIs • MVC Architecture • OOP	Unit Testing • Integration Testing • Code Review • Debugging • Bug Fixing	CI/CD Pipelines • Azure Cloud • Git Version Control • Automation

Database Management	**Problem Solving**	**Professional Skills**
SQL Server • Stored Procedures • Query Optimization • Data Modeling	Root Cause Analysis • Troubleshooting • Performance Tuning • Debugging	Agile/Scrum • Documentation • Client Communication • Collaboration