

PROFESSIONAL SUMMARY

Full Stack Developer with 3.5 years of experience delivering enterprise-grade web and desktop applications, including SCADA and EMS solutions. Proficient in .NET Core, Java, Angular, SQL Server with a strong focus on secure authentication, CI/CD practices, and real-time data processing.

TECHNICAL SKILLS

Languages: C, C++, C#, .NET, Java

Frameworks: ASP.NET Core, MVC, Entity Framework Core

Frontend: jQuery, Bootstrap, CSS, AJAX

Databases: SQL Server, MySQL, Oracle

Architecture: Microservices, MVC, MVP, RESTful APIs

Security: OAuth2, HTTPS, Authentication & Authorization

Other Technologies: WinForms, WPF, Postman, Windows Services

EXPERIENCE

CG Power and industrial solution ltd, Indore

Software Developer

Jan 15, 2025 – Present

- Developed and deployed scalable applications using .NET Core, ASP.NET MVC, and C#.
- Built secure Web APIs and integrated them with Angular and Razor Views for real-time energy monitoring.
- Integrated OAuth2-based authentication and role-based authorization across modules.
- Led troubleshooting of production issues, enhancing system uptime and reliability.
- Automated CI/CD workflows using Azure DevOps, reducing manual deployment errors.
- Participated in Agile ceremonies, sprint planning, and stakeholder reviews.
- Achieved 99.99% uptime with dual SCADA server redundancy.
- Implemented biometric authentication and role-based access control.

Arctic Tech Tern Pvt Ltd, Hyderabad

Software Developer

Jan 1, 2022 – Jan 10, 2025

- Delivered end-to-end development of SCADA and EMS modules using Java, Spring Boot, and C#.
 - Created and enhanced responsive UIs using jQuery, AJAX, Bootstrap, and Thymeleaf.
 - Improved data flow and communication between modules through optimized SQL Server procedures.
 - Wrote unit and integration tests to improve code reliability and system robustness.
 - Participated in Agile-based development and collaborated with remote teams across locations.
 - Reviewed peer code and enforced clean architecture and modular design best practices.
 - Wrote unit and integration tests to improve code reliability and system robustness.
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PROJECTS

❖ **Supervisory Control and Data Acquisition (SCADA)**

- Designed and implemented real-time SCADA applications integrated with RTUs.
- Managed 10+ real-time databases and developed graphical HMIs using mimic builder tools.
- Developed modules for Power Blocks, SPBM, AFLN, Tap Positioning, and Alarm handling.
- Integrated IEC104 slave protocol for RTU communication.
- Achieved 99.99% uptime with dual SCADA server redundancy.
- Forecasted power metrics using ML models and generated actionable reports.
- Implemented biometric authentication and role-based access control.

❖ **EMS Config Application:**

- Set up DSM charges to optimize energy use and reduce costs based on real-time data.
- Created a holiday calendar to manage energy requirements dynamically during holidays.
- Configured monitoring of demand deviations to alert on discrepancies between actual and forecasted demand.
- Developed modules for predicting future energy demands based on historical data.
- Set up analog and digital input settings for accurate data capture from field devices.
- Designed a station hierarchy for organized data representation and efficient management.

❖ **EMS Web Application:**

- Displayed EMS Configuration data using interactive graphs and charts.
- Maintained and optimized the EMS database for performance.
- Forecasted the voltage values using Machine Learning.
- Displayed reports and trend charts.
- Implemented biometric authentication on user login.

Technologies: Java, Spring Boot, C#, .NET Core, Python, HTML, CSS, JavaScript, AJAX, SQL Server, MSSQL

Client: Ministry of Railways

EDUCATION

MCA – Vidyabharti Mahavidyalaya, SGBAU Amravati – 2022 – 90%

BCA – Adarsha Mahavidyalaya, SGBAU Amravati – 2020 – 61%

LANGUAGES

English, Hindi, Marathi