

## Sunith Kumar

Lead Software Engineer | .NET & Backend Specialist

Location: Kochi, Kerala, India

Email: tksunith+javstech@gmail.com | Phone: +91 9496043478

LinkedIn / Portfolio: <https://www.linkedin.com/in/sunith-kumar-95906393/>

### Professional Summary

Lead Software Engineer with 10+ years of experience designing and delivering scalable enterprise web applications, analytics platforms, and automation systems using C#, .NET, SQL, and modern frontend technologies. Strong background in system architecture, performance optimization, authentication/authorization (SAML/SSO), and microservices-based design.

### Core Technical Skills

- Languages: C#, Python, JavaScript, SQL
- Frameworks: ASP.NET MVC, .NET Framework/Core, Web Forms, FastAPI
- Frontend: HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, Ext JS
- Databases: SQL Server, HP Vertica, PostgreSQL, Redis
- Cloud & DevOps: Docker, CI/CD Pipelines, IIS Deployment
- Security: SAML 2.0, Single Sign-On (SSO), Role-Based Access Control (RBAC)
- Reporting & Integration: SSRS, SOAP Services, REST APIs
- Tools: Visual Studio, SVN, Git

### Professional Experience

Software Engineer / Senior Software Engineer (2014 – Present)

- Designed and developed enterprise healthcare and analytics platforms supporting clinical workflows, reporting, and decision-support systems.
- Built scalable backend modules using ASP.NET MVC, C#, and SQL-based databases.
- Developed dynamic UI components using Ext JS, JavaScript, AJAX, and jQuery.
- Implemented multi-level role and profile evaluation logic supporting user and organization-level overrides.

- Optimized database queries and backend services to improve application performance and scalability.
- Integrated secure authentication mechanisms using SAML-based Single Sign-On (SSO).
- Deployed and maintained applications on IIS with structured version control workflows.

#### Software Engineer (2012 – 2014)

- Developed clinic and workflow management systems supporting registration, examination tracking, scheduling, and reminder services.
- Implemented multi-branch data access and secure user management features.
- Built web modules using ASP.NET Web Forms, C#, ADO.NET, and SQL Server.
- Developed reporting solutions using SSRS and optimized stored procedures.
- Integrated SOAP-based services and maintained deployments on IIS environments.

#### Selected Technical Projects

- Automated trading and strategy execution platform integrating broker APIs, real-time data streams, and risk management modules.
- Finance automation system for bill tracking and notification workflows using Python and messaging integrations.
- Developer productivity tooling including custom Visual Studio extensions.

#### Education

Degree: B.E Computer Science & Engineering

Institution: PSN college of Engineering & Technology - Anna University, Tirunelveli.

| Year: 2008-2012