

Gowthaman Rajagopal

Architect/Team-lead Technical Lead

SUMMARY

Software engineering professional with over 14 years of experience in full-stack development. Versed in a range of technologies including C#, JavaScript, Python, .NET Core, and cloud services like Azure. Proven capability in leading teams and optimizing applications, achieving up to a 40% improvement in performance metrics. Holder of relevant certifications like Azure DevOps Engineer Expert and Azure Administrator Associate. Recognized for exceptional contributions with multiple awards, showcasing a commitment to innovation and excellence in software delivery within the IT industry.

TECHNICAL SKILLS

Main Technical Skills	C/C++/C#, JavaScript, Python, ASP.NET MVC, Blazor
Programming Languages	JavaScript, Python
.NET Platform	ASP.NET MVC
C++ Libraries and Tools	C/C++/C#
Amazon Web Services	AWS CodeDeploy
Methodologies, Paradigms and Patterns	Agile, Architecture and Design Patterns, Kanban, microservices, Observer, Scrum, SDLC, SOLID
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
Deployment, CI/CD & Administration	Blazor
Third Party Tools / IDEs / SDK / Services	Microsoft Visual Studio Code, Visual Studio
BlockChain and Decentralized Software	Optimism
QA, Test Automation, Security	Postman
Other Technical Skills	Bruno, Building Cloud-based solutions, Manchester II, Team Leadership

WORK EXPERIENCE

Technical Lead, Cloud-based HVAC Energy Modeling App

Duration: Aug 2021 – Present



Summary: Developed a cloud-based HVAC energy modeling application.

Responsibilities: Led a development team, optimized backend APIs, implemented CI/CD, guided architecture and design decisions.

Technologies: Blazor, .NET Core, Web API, PostgreSQL, GitHub, AWS CodeDeploy

Technical Lead, HVAC 3D Model Viewer

Duration: Aug 2021 – Present

Summary: Created an AR-enabled HVAC 3D model viewer.

Responsibilities: Development of AR-enabled 3D model viewer.

Technologies: Node.js, Babylon.js

Senior Software Engineer, WPF-based Energy Analysis Tools

Duration: Sep 2016 – Aug 2021

Summary: Built and optimized WPF-based energy analysis tools.

Responsibilities: Improved application performance, refactored code, migrated installer, automated CI/CD pipelines.

Technologies: C#, MVVM, EF, WPF, Azure DevOps

Software Engineer, Healthcare Applications Development

Duration: Dec 2012 – Sep 2016

Summary: Developed healthcare applications to improve efficiencies.

Responsibilities: Created reusable components, participated in code reviews, refactoring, and client demonstrations.

Technologies: ASP.NET, SQL Server

Junior Software Engineer, Various Client Web Solutions

Duration: May 2011 – Dec 2012

Summary: Delivered web solutions for clients in various industries.

Responsibilities: Worked on web development, including ASP.NET C#, SQL Server, and integrating handheld devices.

Technologies: ASP.NET C#, SQL Server

EDUCATION

- **B.Tech (IT) -TCE, Coimbatore**
- Not Provided
- Not Provided



CERTIFICATION

- **Microsoft Certified: Azure DevOps Engineer Expert**
- Not Provided
- Not Provided
- **Microsoft Certified: Azure Administrator Associate (AZ-103)**
- Not Provided
- Not Provided
- **Microsoft Azure Fundamentals**
- Not Provided
- Not Provided
- **Agile Scrum Certification**
- Not Provided
- Not Provided
- **English Communication – Enguru**
- Not Provided
- Not Provided

