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Senior Software Engineer 🔖

🕐 27 days ago
📍 Vancouver, British Columbia, Canada
🏠 Up to 50% work from home

We are a Microsoft team with growth culture. We are responsible for a highly scalable Microsoft Forms service that serves worldwide customers with SAAS architecture. The service makes it simple for both information workers of enterprises and educators of schoo...

See details

Senior Software Engineer

Vancouver, British Columbia, Canada

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Date posted	**Aug 22, 2023**
Job number	**1543149**
Work site	**Up to 50% work from h**
Travel	**0-25 %**
Role type	**Individual Contributor**
Profession	**Software Engineering**
Discipline	**Software Engineering**
Employment type	**Full-Time**

Feedback 🏷

Overview

We are a Microsoft team with growth culture. We are responsible for a highly scalable Microsoft Forms service that serves worldwide customers with SAAS architecture. The service makes it simple for both information workers of enterprises and educators of schools to collect results of surveys and assessments, and generate insights through automatic data analysis and AI, whether on desktop or mobile.

We are seeking a highly skilled Senior Software Engineer to join our team. In this role, you will lead the technical development of Microsoft Forms, ensuring that they meet our customers' needs while maintaining a high level of reliability and performance.

If you are a highly motivated and talented engineer with a passion for building scalable, reliable, and performant services, we encourage you to apply for this exciting opportunity to join our Microsoft Forms team.

Qualifications

- Bachelor's Degree in Computer Science, or related technical discipline AND 4+ years technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python
  - OR equivalent experience.

- Expertise in one or more programming languages such as C#, Java
- Effective technical leadership skills and experience leading feature areas design, implementation, experiments and releases

Preferred Qualifications:

- Bachelor's Degree in Computer Science or related technical field AND 8+ years technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python
    - OR Master's Degree in Computer Science or related technical field AND 6+ years technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python
    - OR equivalent experience.
- Experience with cloud services is a plus.
- Demonstrated understanding of software development best practices, such as agile methodologies, continuous integration, and continuous delivery.
- Passion for building high-quality software that delivers real value to customers.

Responsibilities

- Design and develop highly scalable, reliable, and performant services that integrate with Microsoft 365 and related products.
- Lead technical discussions with cross-functional teams, including architects, program managers, and other engineers.
- Build and maintain relationships with other teams across the company to ensure that our services integrate seamlessly with other Microsoft products and services.
- Provide technical leadership and guidance to junior engineers on the team.
- Participate in code reviews and ensure that code adheres to engineering's best practices and standards.
- Continuously improve software development processes and practices.

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work.

- Industry leading healthcare
- Educational resources
- Discounts on products and services
- Savings and investments
- Maternity and paternity leave
- Generous time away
- Giving programs
- Opportunities to network and connect

Apply

Relevance table:

Their needs	My Skills	My example
4 years of technical engineering experience using coding languages such as C, C++, C#, Java, JavaScript, or Python	I have more than 5 years of technical experience developing software solutions using C#, Java, JavaScript	Throughout my career I have worked in two different companies where I have used C#, Java, Python and JavaScript extensively. I was able to understand and make changes in large code bases.
Experience with cloud services	I'm a Microsoft Azure certified: developer associate and AWS certified solutions architect associate	1. I have worked with multiple cloud service providers such as Microsoft Azure, AWS and to provide cloud solutions to business problems. 2. Once I used Azure functions and Azure logic apps to create a distributed solution for my client it reduced their infrastructure cost by 70%.
Software development best practices	I have been trained to follow industry's best practices	I have been appreciated by managers often for writing clean code and following industries best practices such as writing unit testcases, checking code coverage, peer programming, fixing code smells, implemented appropriate design patterns wherever required. Due to this my teams always find it easier to understand and implement their changes on top of my code.
Scrum/Agile teams	Worked as part of agile team for about 5 years	I have worked in team which follows proper agile methodologies and conduct all the sprint ceremonies such as sprint planning, retrospective, sprint review, daily stand-ups.

Cover letter - LLM initial draft

[Your Name]

[Your Address]

[City, State, ZIP Code]

[Your Email Address]

[Your Phone Number]

[Date]

Mr. Uvin Sandirigama

Hiring Manager

Microsoft Corporation

[Company Address]

[City, State, ZIP Code]

Dear Mr. Sandirigama,

I am writing to express my strong interest in the Senior Software Engineer position at Microsoft, as advertised on your company's careers page. With my extensive technical experience and proficiency in a range of coding languages, coupled with my expertise in cloud services and software development best practices, I am confident in my ability to make a meaningful contribution to your esteemed organization.

Over the course of my career, I have amassed more than 5 years of hands-on technical experience, predominantly utilizing C#, Java, and JavaScript to develop innovative software solutions. My ability to comprehend and modify complex code bases has allowed me to consistently deliver high-quality software products that meet both business and end-user needs effectively.

I bring a robust cloud computing background to the table, holding certifications as a Microsoft Azure Developer Associate and AWS Certified Solutions Architect Associate. My experience spans multiple cloud service providers, including Microsoft Azure and AWS, enabling me to craft comprehensive cloud solutions that optimize infrastructure costs. For instance, by leveraging Azure functions and Azure logic apps, I successfully engineered a distributed solution for a client, reducing their infrastructure expenditure by an impressive 70%.

One of my core strengths lies in adhering to software development best practices. I am dedicated to writing clean and maintainable code, consistently employing industry-standard practices such as unit testing, code coverage analysis, peer programming, code smell remediation, and the application of appropriate design patterns. My commitment to these principles ensures that my team members can readily comprehend and build upon my work, fostering a collaborative and efficient development environment.

Furthermore, my professional journey has seen me actively participate in agile teams for approximately 5 years. I am well-versed in agile methodologies and proficiently engage in sprint ceremonies such as sprint planning, retrospective, sprint review, and daily stand-ups. This experience enables me to seamlessly integrate into agile-driven development processes at Microsoft.

In closing, I am excited about the opportunity to contribute my technical expertise and passion for software engineering to the innovative projects undertaken by Microsoft. I am eager to further discuss how my skills align with your team's needs and contribute to your organization's continued success.

Thank you for considering my application. I look forward to the possibility of joining Microsoft and helping to drive technological advancements in the software engineering domain. Please feel free to contact me at [Your Email Address] or [Your Phone Number] to schedule an interview at your earliest convenience.

Sincerely,

[Your Name]

Cover letter - your final draft

Balaji Sukumaran

5572 Northridge Road

Halifax, NS BK3 5K2

19th September 2023

Mr. Uvin Sandirigama

Hiring Manager

Microsoft Corporation

Dear Mr. Sandirigama,

This is regarding your LinkedIn post about an opening at Microsoft for Senior software engineer role. Based on the job description, I believe that I would be a perfect fit for the role since I hold a bachelor's degree in computer science and have more than 5 years of experience using C#, Java, and JavaScript to develop software solutions.

Furthermore, I'm also a Microsoft Azure certified Developer Associate and AWS Certified Solutions Architect Associate and have experience working with multiple cloud service providers, enabling me to craft effective cloud solutions that optimize infrastructure costs. Once, I leveraged Azure functions and Azure Logic Apps and successfully engineered a distributed solution for my client, resulting in an 70% reduction in their infrastructure expenditure.

I am dedicated to writing clean and maintainable code, employing industry's best practices, and applying appropriate design patterns. These principles ensure that my team members can readily build upon my work, fostering a collaborative development environment. Furthermore, I am well-versed in agile methodologies and have participated in all sprint ceremonies. This experience enables me to seamlessly integrate into agile-driven development processes at Microsoft.

I am excited about the opportunity to contribute my technical expertise and passion for software engineering to the innovative projects undertaken by Microsoft. I am eager to further discuss how my skills align with your team's needs and how I can contribute to your organization's continued success.

Thank you for considering my application. I look forward to the possibility of joining Microsoft.

Sincerely,

Balaji Sukumaran

[Enclosure: Resume]

Balaji Sukumaran

Software Engineer Grade 4

About **5+** years of full stack web development experience in building complex banking solutions.

BADGES

SKILLS AND PROFICIENCIES

- **PROGRAMMING LANGAUGES**
  C#, JavaScript, Java, Python, SQL

- **FRAMEWORK/LIBRARY USED**
  - .Net Core 3.1, 5.0
  - .Net Framework 4.0, 4.5+
  - ASP.Net Core
  - ASP.Net MVC
  - ASP.Net Web API (REST API)
  - ADO.Net
  - Entity Framework
  - Angular 2+
  - jQuery
  - NUnit

- **DEVOPS**
  - Azure DevOps **CI/CD**
  - Azure Pipelines
  - Jenkins & UrbanCode Deploy (UCD)
  - AWS Code Pipeline

- **TOOLS USED**
  - Visual Studio 2019/2015/2013
  - SQL Server Reporting Services **(SSRS)**
  - Crystal Reports
  - Microsoft SQL Server **(MS SQL)**
  - GitHub
  - Powershell
  - Git
  - Microsoft Exchange Server 2016

WORK HISTORY

Fidelity Investments
Software Engineer Grade 4 | March 2022- July 2023

- Worked on Fidelity's workplace investing domain, integrating 401K plan data to and from several vendors such as Qualcomm, Boeing etc.
- Experience working in Microservices architecture, REST API, SOAP API.
- Complete backend development experience and followed proper coding standards, unit testcases and code coverage.

Capgemini - India
Associate Consultant | Aug 2018 - March 2022

- Built critical functionalities for 5+ applications in wealth management suite of applications.
- Set up automated deployment pipelines using CI/CD for 3+ applications using tools such as **Jenkins, UCD, Azure DevOps, AWS Code Pipeline**,
- Modernized legacy multiple trading applications to be chromium browsers (Chrome/ Edge) compatible.
- Created a Extract, transform, and load (ETL) tool. feeds data to 10+ applications using **Azure ADF, Azure Functions**.
- Completely re-designed the report generation system, which in turn improved the performance by 70%.
- Developed an application that integrates with mailbox and simplifies the Investment Counsellor approval process.
- Improved page load and report generation features by optimizing Query performance.
- Reduced 2 days' worth of efforts to an hour by automating the account generation process based on the business requirements.
- Created a batch processing scheduler Job that loads the currency conversion rates to the banking applications on a daily basis.
- Built Investment counsellor approval flow for securities trading.
- Created an outlook like reminder feature for Associate Investment Counsellors
- Came up with quick fixes for various production issues which resulted in a very low turnaround time.
- Worked on client and compensation Fee calculation system and exporting it to downstream applications on monthly basis.
- Created Fee Summary Reports using SSRS reports.
- Constructed application native cross browser custom controls eg. Buttons, dropdown, checkboxes, popups
- Complete understanding and experience following Agile methodologies.
- Managed a team of 3 developers.
- Encouraged my team to work as a cross-functional agile team.

CERTIFICATIONS

- Microsoft Azure Certified Developer Associate
- AWS certified Solution Architect Associate
- HackerRank Problem Solving (Basic)
- iUpSkill problem solving double certified
- Java DevOps by NIIT

AWARDS

- Multiple client accolades for finest user experience.
- Performance rating 1 for an entire fiscal year
- Rising Star award for outstanding quality work done

CONTACT

- 📞 +919790543173
- ✉️ balajisukumaran96@gmail.com
- 🔗 linkedin.com/in/sukumaran-balaji

Capgemini - india
Software Engineer | May 2018 - August 2018

- Got trained in Microsoft Stack (.Net Domain).
- Created "Employee Maintenance" project from scratch during the training period. (.Net C#, Material Design, SQL Server).
- Proficiency in 2 or more modern programming languages.

PROJECTS

- **Maintenance Client & Account System (MACS):** Web Application to manage the client portfolios, trading and Fee management system
- **Investment Management Account Profitability (IMAP):** Developed a web application which calculates the variable salary of investment counsellors based on the profit generated.
- **HIMACS:** Multiple scheduler jobs which manage data flow from one application to another.
- **Realtime Encryption system:** Developed this as part of college project, used RSA Algorithm to encrypt data right before storing in public cloud storage and Decrypting while downloading.

EDUCATIONAL BACKGROUND

Bachelor of Science in Computer Science and Engineering
S. A. Engineering College **(Anna University)** | 2014 - 2018
GPA: 7.64

AISSCE (12th)
Bhaktavatsalam Vidyashram **(CBSE)** | 2013 - 2014
Percentage: 85

CO-CURRICULAR ACTIVITIES

- Attend Google Developer days 2017 event.
- Attended Implant training in HCL for Android Application Development.
- Attended Machine Learning Workshop conducted by Madras Institute of Technology.