BALARAMAIAH MACHAVARAM
Senior Analyst | Dot Net Full Stack Developer
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Summary

Experienced Senior Analyst with 3+ years of expertise in designing and developing scalable .Net Core and microservices-based application Using RESTful APIs and responsive web Interface to enhance user experience and maintainability. Automated cross-browser testing and monitoring processes, reducing manual testing efforts by 40% Led incident management and root cause analysis to elevate system reliability, Proficient in ASP.NET Core Mvc, Web Api, Entity Framework, angular, SQL Server. Focused on delivering strong, secure, and maintainable software system.

Technical Skills

- **Programing Language:** C#
- **Databases:** SQL Server
- **Web Frameworks:** ASP .NET Core MVC, Web API, Entity Framework
- **Frontend Technologies:** Angular, HTML, CSS.
- **IDEs & Tools:** Visual Studio, SQL Server Management
- **Version Control:** GitHub
- **Testing & Automation:** XUnit
- **Monitoring & ITSM:** New Relic, Service Now
- **API Tools:** Postman
- **Web Servers:** IIS
- **Operating Systems:** Windows
- **Project Management Tools:** Confluence, Jira

Work Experience

Capgemini   March 2022 – Present
Senior Analyst | Software Engineer   Client: Caesar's Entertainment

Project: Cage Centre   August 2022 – Present
Technologies:

- **.**NET Core 8.0, ASP.NET Core Web API, Entity Framework, Repository Pattern, SQL Server, Visual Studio 2022, Angular, HTML, CSS.

Project Description:

- Developed scalable web applications using .NET Core 8.0 and ASP.NET Core Web API, implementing the Repository Pattern for a layered and maintainable architecture. Designed and validated RESTful APIs with Postman and integrated automated unit tests, improving reliability and reducing bugs by 25%. Built responsive user interfaces with Angular, HTML, CSS to deliver seamless cross-device experience and enhance user engagement. Additionally, production issues resolved promptly using New Relic, ServiceNow, and SQL Server, improving incident response efficiency and minimizing downtime.

Roles & Responsibilities:

- Designed and implemented RESTful APIs and tested using Postman to ensure functionality and performance.
- Developed responsive web pages with Angular, HTML, CSS for optimal user experience.
- Created applications using ASP.NET Core API and SQL Server, delivering scalable backend and frontend solutions.
- Authored technical documentation including specifications and user guides for clear stakeholder communication.
- Participated in deployment activities, ensuring smooth operations and timely issue resolution.
- Managed production issues using New Relic, ServiceNow, and SQL Server, collaborating with monitoring teams to improve efficiency.

Production Support   Client: Caesar's Entertainment

Technologies:

- **.**NET, C#, ServiceNow, New Relic, automated monitoring tools, diagnostic logging System.

Project Description:

- The project focused on ensuring high availability and reliability of enterprise applications by managing incidents, performing root cause analysis, and implementing proactive monitoring solutions. Leveraging tools like New Relic, and ServiceNow, the team aimed to reduce downtime, optimize incident response, and enhance system stability through automation and collaboration with development and infrastructure teams.

Roles & Responsibilities:

- Led incident and problem management by conducting thorough root cause analysis (RCA) to implement
- effective solutions, enhancing overall system reliability and end-user experience.
- Directed a core team of engineers and monitoring specialists, optimizing task allocation and enhancing team efficiency to meet and exceed SLA targets.
- Applied New Relic and ServiceNow to perform advanced diagnostics and preventative monitoring, reducing average resolution time by 30% and minimizing business disruption.
- Partnered with development and infrastructure teams to escalate and resolve high-impact technical challenges, ensuring swift delivery of robust solutions aligned with organizational goals.
- Constructed automated monitoring bots and tools, increasing system stability by 25% and enabling early anomaly detection, maintained detailed documentation to facilitate knowledge sharing and onboarding.

Education

- Bachelor of Technology in Computers Science and Engineering   July 2015 – May 2019.
  Rise Krishna Sai Gandhi Group of Institutions, Ongole, Prakasam, Andhra Pradesh.

- Board of Intermediate education   July 2013 – April 2015
  Chaitanya Junior College, Ongole, Prakasam, Andhra Pradesh.

- Board of Secondary Education   July 2012 - April 2013
  ZPH School, Bheemavaram, Prakasam, Andhra Pradesh.

Certifications

- Certified Microsoft Azure Fundamentals (AZ-900)
- Certified Microsoft Azure Administrator Associate (AZ-104)
- Certified Coursera Agile Software Development

Place: Hyderabad   **[Balaramaiah Machavaram]**