Pavan B M
.Net Full Stack Developer

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Summary

Experienced Full Stack .NET Developer with **4 years+** of end-to-end project development for 6000+ users. Proficient in cutting-edge tech and design, driving a 20% improvement in API response time and a 70% reduction in deployment time. Contributed to cross-functional teams by implementing modern tech and design principles. Eager to deliver impactful results through Azure PaaS expertise, leveraging a proactive C#/.NET approach to drive substantial contributions.

Technical Skills

C#| .Net| .Net Core| ASP.NET Core MVC, WebAPI | JavaScript | TypeScript| MSSQL| NoSQL | Node | Git & SVN | React| Redux. RabbitMQ | XUnit |Jest | Unit testing |OOPs | EF core & Linq2db | Microservices | Docker | Kubernetes | Azure DevOps CI/CD. Azure Cosmos DB | Redis Caching, App insights | Azure Service bus |Azure Kubernetes with ACR | Azure functions & APIM.

Work Experience

Senior Software Engineer: MediAssist pvt ltd | Bengaluru, India   Jun 2023 – Present

- Streamlined MediAssist claim processing, leading a 5-person C# .NET Core team to achieve a 20% efficiency boost for a 5000-person ops team, while fostering collaborative innovation.
- Bolstered REST APIs response times by 20% through the Provider-repository Design Pattern, and software resilience with Features like retry, timeout, and circuit breaker, thereby elevating user experience.
- Saved $2,200/month and improved cost efficiency by optimizing REST API logs integration with Big Query.
- Implemented optimized T-SQL procedures, reducing processing time and boosting CMS efficiency by 30%, while orchestrating Windows services development in C# with Multithreading, fostering a 20% efficiency gain.
- Spearheaded Agile-driven full-stack development, achieving a 25% reduction in time-to-market and a 30% decrease in post release defects. Enhanced scalability, resulting in a 40% increase in user capacity.

Software Engineer: Accenture | Bengaluru, India   Dec 2021 – Jun 2023

- Drove Agile teams to integrate DevOps CI/CD using Azure DevOps, leading to a 35% efficiency gain and improved software deployment timelines.
- Restructured C#.NET Core web APIs with SOLID principles, resulting in a 50% increase in functionality and performance, leading to higher user engagement and business growth.
- Accomplished a 70% improvement in scalability and reliability by architecting microservices on Azure Kubernetes Service, effectively meeting increasing demands and driving positive business outcomes.
- Boosted application performance by 40% by implementing ReactJs with Redux & Custom hooks, resulting in increased user satisfaction and engagement.
- Configured APIM policies for efficient API governance, optimizing performance and deploying Azure Functions with triggers and bindings, leading to a 30% decrease in response time and ultimately improving operational efficiency.

Associate Software Engineer: Accenture | Bengaluru, India   Oct 2020 – Nov 2021

- Elevated user engagement and satisfaction by 33% by creating responsive ASP.NET MVC applications, driving higher Conversion rates and revenue growth.
- Increased system integrity by 30% by implementing robust security measures using Azure services including role based Access control and encryption. This led to enhanced protection of sensitive data and decreased vulnerability.
- Ensure robustness and quality with Jest for React.js and XUnit for .NET Core, achieving a 25% boost in test coverage and 30% decrease in post-release defects

Projects

- **Full Stack E-Commerce & Housing Applications (2023) | [Project-Link](#)**
  - ➢ Developed Proshop gocart & Housing applications with Skills: Reactjs/Redux, Asp.net Core Webapi & MVC, MSSQl, Docker Desktop. Tried to deploy to azure in free one year period with Azure DevOps AKS configuration as well.
  - ➢ Learnt End to End Flow of Applications with Jest and Xunit testing also.

- **Milk Adulteration Detection through Advanced Regression Algorithms (2020):**
  Led a groundbreaking Deep Learning project in collaboration with a PhD lecturer to combat milk adulteration, employing advanced regression algorithms in Python and Jupyter Notebook to identify adulterants based on quantity.

Education

- Bachelor of Engineering (B.E) from P.E.S college of Engineering affiliated to Visvesvaraya Technology University (VTU), Belagavi. Completed on 2016-2020 in Distinction (**9.3 CGPA**).

Certificates & Awards

- Microsoft Certified: Azure Developer Associate (**AZ-204**)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft certified: Azure Security, Compliance, and Identity Fundamentals (SC-900)
- Recognized for completion of Accenture's TechLeap program and subsequent promotion to Software Engineer, attaining high marks for proficiency and dedication
- Technical two months Internship in Larsen & Toubro, Mysore. Successfully designed and developed a functional e-commerce website utilizing ASP.NET MVC 4.5 and SQL Server, demonstrating proficiency in web fundamentals and .NET technology basics.
- During early academic years, completed a comprehensive Udemy C++ course and participated in the Bolt IoT Platform's TEGIP III program for advanced data science training