**SUBRAMANYA PAMPANA**

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**PROFESSIONAL SUMMARY**

Experienced Full stack developer with over 15 years of expertise at managing all stages of the Software Development Life Cycle (SDLC). Specializing in C#, .NET Core, Angular, and SQL technologies, with a track record of developing and maintaining robust systems. Recognized for creating modules with 100% code coverage using the Nunit framework and ensuring code excellence through Sonar. Proficient in creating highly scalable RESTful APIs with async threading, coupled with conducting performance tests using JMeter for efficient scaling. Skilled in building intuitive insurance data dashboards with Angular APIs and designing microservices using decoupled component architecture and comprehensive logging for fault isolation. Committed to leveraging technology for innovation and delivering tangible value.

**TECHNICAL SKILLS**

* Programming Languages: C#, .NET Core
* Web Development: Angular, HTML, CSS, Bootstrap, JavaScript, TypeScript, Responsive Design
* Tools & Technologies: RESTful APIs, NPM, Angular CLI, Visual Studio
* Database Management: SQL Server, Elastic search, C# Entity framework
* Version Control: Git, GitHub Copilot
* Testing: C# Unit Testing with Nunit. Angular unit test frameworks karma, Jasmine
* Agile Methodologies: Scrum/Kanban
* Production Support: API monitoring using New Relic, PagerDuty
* Cloud environment – AWS services used [EC2, Lambda, S3 buckets, DynamoDB, Redis cache]

**WORK EXPERIENCE**

**Lead full stack developer, Verisk, Jersey City NJ Aug’2016-Present**

* Developed highly responsive single-page applications (SPAs) with Angular, prioritizing scalability and maintainability.
* Designed and implemented reusable components, services, and modules following industry best practices.
* Leveraged TypeScript for enhanced code readability and type safety.
* Integrated RESTful APIs to ensure seamless application functionality.
* Conducted thorough unit and end-to-end testing with Jasmine and Karma for superior code quality.
* Led cross-functional teams, ensuring timely project delivery and budget adherence through mentoring and conflict resolution.
* Optimized Angular application response by implementing lazy loading, change detection strategies, and immutable data structures.
* Enhanced debugging efficiency using browser and Angular dev tools extensions.
* Ensured seamless upgrades to the latest Angular versions while maintaining production compatibility.
* Implemented robust security measures to safeguard applications.
* Conducted comprehensive code reviews to uphold quality standards.
* Achieved 100% code coverage in modules using Nunit framework in C#.
* Evaluated code quality using Sonar and promptly resolved any identified issues.
* Successfully resolved memory leaks and improved application performance.
* Designed user-friendly insurance data dashboards with Angular SPAs for both customers and business teams.
* Conducted load tests to optimize app server and database capacity, resulting in cost reduction.
* Implemented decoupled components and comprehensive logging for streamlined production troubleshooting.
* Played a pivotal role in transitioning from on-premises data center to AWS cloud environment.
* Conducted ongoing cost analysis using AWS Cost Explorer and made necessary adjustments to AWS infrastructure to maintain cost within budget.

**Sr full stack developer, Bank of America, New York. April’2015-july’2016**

* Design and develop single page application using c#, angular and web API.
* Provide estimations to managers and product team.
* Created UI components using Html, Bootstrap, Typescript

**Sr Full Stack Developer, Move Inc, Westlake village, CA Jan’2014-March’2015**

* Design and develop application using C# and MVC
* Conduct unit testing using Nunit Test framework.
* Created UI components using Html, Bootstrap, JavaScript

**Sr Full Stack Developer, Brillio LLC, Bangalore, India June’2009-Dec’2013**

* Design and develop application using C# and SQL
* Created UI components using Html, bootstrap, JavaScript.
* Create web applications using Asp.NET and MVC.

**Full Stack Developer, Timken Pvt Ltd, Bangalore, India May’2007-May’2009**

* Design and develop application using C# and MVC
* Created UI components using Html, CSS, JavaScript
* Create custom controls using Asp.NET.

**EDUCATION**

* Bachelor of Engineering from Jawaharlal Nehru Technological University (JNTU) Hyderabad, India