

Bonfilio Surya

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Experience

Senior Software Engineer, HSI APAC Pty Ltd. November 2021 – Present

- Dramatically improved integration efficiency, reducing execution time by 95%, resulting in significant performance gains for critical system processes.
- Engineered front-end migration to Angular, improving page load speeds by 15% and simplifying future code maintenance through optimised hybrid routing.
- Migrated critical applications to Azure cloud solutions, achieving 99.9% application uptime and reducing data pipeline failures by 20%, ensuring reliable product metric reporting.
- Led an offshore development team, ensuring timely completion of tasks while maintaining high-quality standards, emphasising collaborative development practices.

Senior Consultant, Insight Enterprises Australia Pty Ltd. April 2020 – September 2021

- Enhanced Angular dashboard efficiency using tree-shaking methods and optimised rendering strategy, achieving a 30% reduction in load times.
- Engineered a high-performance web crawler, indexing over 5 million documents into a Lucene search index, reducing average search time by 30% and increasing document retrieval accuracy by 20%.
- Developed a customer portal for a debt consolidator agency, which empowers their customers to self-serve and increasing agent efficiency by 25% through reduced call volume.

Senior Developer, Diviv Group Pty Ltd. August 2019 – April 2020

- Architected a scalable learning management system solution for a first-aid course provider using .NET Core and Angular, with a focus on performance optimisation.
- Modernised a legacy .NET Framework learning management system to .NET Core, ensuring long-term maintainability and performance enhancements, resulting in a 15% reduction in server response time.
- Collaborated within Agile Scrum ceremonies, improving sprint delivery efficiency by 20% and achieving a 90% sprint estimation accuracy through detailed user story decomposition.

Senior Developer, Integranet Digital Pty Ltd. August 2016 – August 2019

- Architected and led the development of a critical middle-ware integration application, enabling real-time data exchange between a legacy point-of-sale system and the zoo's e-commerce website, resulting in a 77% increase in online ticket and 49% increase in membership purchase.
- Created high-performance plugins for a .NET content management framework with C# and NuGet, enhancing build efficiency by 25% and facilitating code modularisation and smooth updates.
- Optimised front-end development workflows using Gulp and Node.js, reducing average development time per feature by 15% and front-end bug-related tickets by 20%, improving team collaboration.

.NET Developer, Alyka Pty Ltd. February 2013 – August 2016

- Developed reusable common component libraries and base templates for website build, reducing project turnaround by up to 50%
- Established and optimised CI/CD pipelines and source control workflows, reducing deployment errors by 40% and improving release frequency by 30%.

Education

Master of Information Technology, University of Western Australia March 2012

Bachelor of Business, University of Newcastle August 2009

Skills

Programming languages: HTML, JavaScript, TypeScript, SQL, CSS, SCSS, LESS, C#

Tooling: Azure, Octopus Deploy, TeamCity, TeamCity, Octopus Deploy

Framework: .NET, Angular, React, Node.js, RxJs