

## **SATRIANSYAH WIBOWO**

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### **Summary**

I have worked in software engineering since 2007. Mostly I have worked with C#, Java , DotNet, Javascript,NodeJs and SQL script. During that time, I have had the opportunity to serve as a member of software development teams, through which I was able to develop strong communication skills as well as a good appreciation for the collective strength of a workgroup. At the same time, I have also been asked to handle a number of solo coding projects, which has helped me develop attention to details. Strong background in management and leadership. A leader with excellent interpersonal and motivational abilities to develop collaborative among high-functioning teams. Exceptional problem solver with and aptitude for troubleshooting and ability to quickly master new skill, technology and role.

### **HIGHLIGHTS**

- Strong experience in leadership and team management  
Experienced in many n-tier software development life cycles, project and product based applications
- Working with Agile environments
- Advance in business process automation and fault tolerance system
- Strong experience build Desktop, Web, Mobile, Services ,Web Service, Web API ,reusable codes
- Passion for solving complex problems and writing advanced algorithms and code optimization
- Have a solid experience with design patterns
- Expertise with data base management, OLTP , CRUD , OLAP, ETL and SQL Server Performance Tuning and optimization
- Experience in IT Management tools such as TFS, GIT and SVN. CI/CD using TFS build machine
- Working with Windows Server 2008, 2012, 2016 , Microsoft Azure and Web Load Balancing
- Strong ability to make technical decisions about infrastructure and architectures
- Strong experiences in manufacturing processes

### **Summaries**

- C#, ASP.NET, ASP.NET Core, Sharepoint Web Part
- Java, J2EE, Spring, Spring boot, Spring batch, Spring Cloud Data Flow
- Javascript, JQuery, Typescript, NodeJs, NestJs, ExpressJs, Sequelize, Prisma, Telerik Kendo U
- Enterprise Framework, EF Core, Linq, ADO.Net, Dapper, Hibernate, JPA, Redis ,Sequelize, Prisma
- Rest Sharp, Ajax, Json, XML, SOAP, Web API
- Azure Service Bus, IBM MQ
- Xamarin Form for Android & IOS, MVVM PRISM Framework
- Ms.Sql (2000,2018,2012,2016), PostgreSql, Oracle, Sqlite, MySql, DB2, MongoDB
- T-Sql, Stored Procedure, Function , MDX, ETL, SSIS, SSAS Business Intelligence
- ASP.Net Identity, JWT authentication, Active Directory, Fiddler Web Debugging
- Crystal Report , Jasper Report
- Source Control : TFS , Git, Github, GitLab, SVN,BitBucket, CI/CD using TFS build machine and Bamboo
- BIO Star Finger Print, HID Reader, Barcode Scanner, PDA Windows MobileZebra RFID Reader
- Windows Server 2008, 2012, 2016, Microsoft Azure , Docker and Forti ADC Web Load Balancing

### **ACADEMIC QUALIFICATIONS**

B. Comp .Sc (S.Kom) , Computer Science (2002-2007), GPA 3.14 , Gadjah Mada University ,Yogyakarta , Indonesia

### **PERSONAL DETAILS**

Problem Solving | Quick Learner | Attention to Details | Good Analytics Skill | Leadership | Working under minimum supervision

### **WORKING EXPERIENCES**

## 1. Freelance Software Engineer | Augt 2022 - Sept 2022 | MPP Tanjung Pinang Kota | Remote

### Summary :

- Creating backend api for MPP Tanjung Pinang
- Perform Unit Testing & Code Review
- Working with NodeJs, NestJs, Prisma
- Working with MySql

## 2. Moladin | Senior Backend Engineer | June 2022 - Augt 2022 | Automotive Company | Remote

### Summary:

- Working in Agile Scrum environment
- Working and deliver new features for mvp product
- Perform Unit Testing & Code Review
- Working with NodeJs, ExpressJs , Sequelize
- Working with MySql

## 3. AIA Singapore | Application Lead Support-Principal Engineer | Aug 2020 - June 2022 | Insurance Company | Remote

### Summary :

- Working in Agile Scrum environment
- Rearchitcting existing application
- Leading and mentoring team member
- Perform Unit Testing & Code Review
- Working with Java, Spring Boot, Spring Batch, Spring Data Flow, Azure Service Bus ,Hibernate, JPA, Maven & Docker •
- Working for event-driven application in Azure service bus
- Working with Ms.Sql and DB2

### Achievements :

- Successfully move and re-architect 3 applications from on premise to cloud. These 3 applications running 2 times and concerns with PII data . Using java , Spring cloud data flow and Azure Service Bus for the implementation
- Enable SIT environment for web service and web api application.
- Enable Common-Dao library, for sharing library between applications

### Successfully project based applications :

- Task based application in Spring Cloud Dataflow, for processing insurance policies  
Languages /Tools : Java, Spring Cloud Data Flow, Azure environment, IBM MQ, MSSQL, DB2 , Hibernate , Maven, BitBucket and Bamboo for CI/CD
- Stream based application in Spring Cloud Dataflow, an event driven stream application for processing policy's underwriting  
Languages /Tools : Java, Spring Cloud Data Flow, Azure service Bus ,Azure environment, IBM MQ, MSSQL,DB2 , Hibernate , Maven, BitBucket and Bamboo for CI/CD

## 4. Freelance Software Engineer | June 2020- April 2021 | Remote

- Backend engineer , helping Indonesia grocery startup to build their backend api for warehouse management system.  
Languages/Tools : Java, Spring-boot, redis, aws, jpa and mysql

## 5. Taiger Singapore Pte.Ltd | Software Engineer | May 2020 – July 2020 | AI based company | Remote

### Summary :

- Working with Agile Scrum environment
- Working as software engineer, building .net based sharepoint web part application.
- Working with Visual studio 2019, Sharepoint designer 2013, Sharepoint foundation 2013, Sharepoint Server 2016
- Working with Azure Virtual machine, Windows 2012 R2, Windows 2016 Data Center

### Achievements :

- Create some Sharepoint Web Part for Sharepoint 2016, running in Azure VM, using C# and Javascript for design the webpart

## 6. PT .Epson Batam | Senior Supervisor | March 2008 – May 2020 | MNC Electronics Manufacturing | Batam | Indonesia

### Summary:

- Working in Agile environment
- Started from Full Stack programmer, Senior Developer, Tech Leader and Software Architect and Project Management

#### Non-Technical Summary

- Team management, expand and recruit new team member, manage the overtime
- Manage projects from client request proposal through to final delivery and maintain good relations with clients • Coordinate, manage and deliver the project activities and task assignments and also ensure tasks executions on schedule and timeline
- Meeting with users, define technical, operational and user requirements
- Present weekly meeting and deliver weekly report to management
- Leading and participated in collaboration projects with other affiliates from different countries

#### Technical Summary

- Pair programming and working with team members with cutting-edge technology and methodologies and best practices to achieve better performance
- Design and lead n-tier application architecture for complex business applications
- Writing Web API , Web Service and Services to be consumed by multiple types of applications and devices
- Writing reusable codes for accelerating of applications development
- Build and develop features with high standards and quality
- Searching, exploring, evaluating and analyzing third party applications
- Design and lead complex business process automation system and fault tolerance system
- Working With Ms.Sql 2000, Ms.Sql 2008, Ms.Sql 2012, Ms.Sql 2016, Oracle 10g and SQLite
- Writing query for complex database relationships. Focus on speed, performance and query optimization
- Creating complex and dynamic stored procedures, functions and view
- Working with Ms.Sql ETL ,SSIS, SSAS for data warehouse business intelligence project
- Design, manage and maintain TFS as source control and project management, develops scripts and automation tools to build, integrate, and deploy software releases to any platforms via TFS
- Leading and participated in multiple migration projects like application, server and database migrations
- Leading and participated in web load balancing project using Forti ADC Web Balancing
- Working and configured Web Server in Windows 2003, 2008R2, 2012, 2016 and Microsoft Azure

#### Achievements :

Achievement in PT.Epson Batam is related to speed and ease of the production process, accuracy, automation, ease of access to data, flexibility, supports green policies, and also related to software engineering

- Enable automation process for Production and QA
- Enable manufacturing and technology corrective and prevention action (CAPA) system
- Enable RFID implementation for speed up goods movements from one warehouse to another warehouse
- Provide an integrated and easy people development application, since employees join until they leave or retired, such as manpower management, training system, eLearning and General administration
- Enable automation process in payroll, an easy and integrated payroll system, automatic calculation for employee salary, overtime, bonuses and taxes calculation.
- Enable eKiosk application, a pc corner application for all employee
- Enable application project management, application source control and application CI/CD using Microsoft TFS SourceControl and TFS Build Machine

#### Successfully Product based applications:

##### *General Office System (2008 - 2020)*

- This system is a system for supporting general office activities. This system consists of many big modules like Manpower Management (Attendance , Overtime, Leave Permit, etc), Clinic, Canteen, Document Management, Audit Management, EHS, Training System, eLearning, General Administration, IT Management, Procurement, Asset Control and Supply Chain Languages/Tools : C#, n-tiers applications, Web form, Web API, Desktop and PDA application, Ms.Sql 2000/2012/2016, IIS 8, Win Server 2012/2016, Windows Mobile 6.5 ,Enterprise Framework 6, Linq, ADO.Net, Active Directory, Java script, Ajax Control Toolkit, Telerik Web Form, Forti ADC web balancing, TFS (source control/build machine CI/CD)

##### *HR Payroll System (2010 - 2020)*

- A business process automation system for human resource and payroll
- This system is a system for Human Resource and Payroll process. This system consists of many big modules like Human Resource, Payroll and Recruitment.
- Languages/ Tools : C#, n-tiers applications, Web form, Web API , Ms.Sql 2012/2016, IIS 8, Win Server 2012, Enterprise Framework 6, Linq, ADO.Net, HTTPS, Active Directory, Java script, Ajax Control Toolkit, TFS (source control/build machine)

##### *Production Support System (2012-2020)*

- This system is for supporting production processes. This system consists of many big modules like Production Process, Part Supply Chain, Finish Good Control and Quality Control.

- Languages/Tools : C#, n-tiers applications, Web MVC, Web API, Desktop and PDA application, Ms.Sql 2012/2016, IIS 8, Win Server 2012/2016, Windows Mobile 6.5 ,Enterprise Framework 6, Linq, ADO.Net, Active Directory, Java script, JQuery, Bootstrap, Telerik Web Form, Forti ADC web balancing, TFS (source control/ build machine CI/CD)

#### Business Intelligence and Dashboard (Started 2008/2015 - 2020)

- Source data for this project: internal applications, flat files, excel files, etc
- Languages/Tools : C#, n-tiers applications, Web MVC, Web, Ms.Sql 2012/2016, IIS 8, Win Server 2012.SSIS, SSAS, Hybrid query (MDX + TSqL) Enterprise Framework 6, Linq, ADO.Net, Active Directory, Java script, JQuery, Bootstrap, Telerik Kendo UI, TFS(source control/ build machine CI/CD)

#### Successfully Project based applications:

- Sharepoint System (2014)  
A project to develop and maintain administration of Share Point 2013.  
Languages/Tools : C#, ASP.NET, WCF, MSSQL 2012, Share Point Web Part, Win Server 2012, MVVM, ADO.Net, Active Directory, TFS(source control/ build machine CI/CD)
- Android and IOS Mobile Application Project (2016 – 2020)  
This is an internal company purpose mobile business application projects.  
Languages/Tools : C#, n-tiers applications, DotNet Standard, DotNet Core, Xamarin Form for both Android and IOS, Ms.Sql 2012/2016 , Web. IIS 8, Win Server 2012. Enterprise Framework 6, Linq, ADO.Net, ASP.Net Identity, ASP.Net Core , Active Directory, SQLite, MVVM PRISM Framework ,TFS(source control/ build machine CI/CD)
- eKiosk System (2017 – 2020)  
eKiosk is a finger print based employee self service, ASP.NET MVC , Web SPA application.  
Languages/Tools : C# , n-tiers applications, ASP.NET MVC, JavaScript, CSS, Bootstrap, Ms.Sql 2012/2016, ASP.Net Core, Enterprise Framework Core and Json Web Token(JWT) ,TFS( source control/ CI/CD)
- eLobby Application (2015)  
eLobby, a standalone self service application for Guest in the company  
Languages/Tools : C# , WPF, TFS(source control/ build machine CI/CD)
- RFID Implementation Project System (2018 – 2020)  
A window service application ,collaboration project with other affiliates to implement RFID for supporting production process.  
This project is using Zebra RFID reader and Printer . The most important of RFID implementation is the fault tolerance system.  
Languages/Tools : C#, ASP.Net, Ms.Sql 2012/2016, Javascript, JQuery, JqGrid , Zebra SDK, TFS, Windows Service , Github,TFS( source control/ build machine CI/CD)
- Document System(2016), a Java based system document system to process document ,like national id card, certificate etc  
Languages : Java and Tomcat server

#### Successfully migration's project lists:

- Migration of database server from Ms.Sql 2000 to Ms.Sql 2008 and Ms.2008 To Ms.Sql 2016
- Migration of Share point server from Share point 2010 to share point 2013
- Migration of TFS server from TFS Server 2008 to TFS Server 2013
- Migration of web server from single server to web load balancing server

#### Successfully Converting re-architect project lists :

- Payroll applications, converting from FoxPro based application into ASP.Net Applications (Web Form & Web API)
- General office application, converting from old ASP.Net and PHP into ASP.Net applications (Web Form & Web API)
- Production related applications, converting from old desktop application into ASP.Net MVC (Web Form & Web)

### 5. PT . Visione System | Analyst Programmer | April 2007 – Sept 2007 ,Start Up IT Company, Solo , Indonesia

#### Achievements :

Successfully develop Hospital Management System, from hospital registration, patient In Out, doctor examination and Pharmacy. Using Java, Eclipse, J2EE, ZK, Spring, Hibernate, Agile, Jasper Report , PostgreSQL and SVN as source control

#### **TRAININGS**

- SDLC, Ms.Sql Database - Basic, Oracle Database, Ms.Sql Business Intelligent 2008,Ms.Sql SSIS SSAS, Ms.Sql Server Performance and Optimization, Asp.Net Web MVC and Web API, Asp.Net Web API and Security, Automatic Testing and Unit testing, Cross Platform Mobile Apps Development with Xamarin Forms and Azure Apps, Cloud Computing with AWS, Share point 2007, TFS

2008, TFS 2010, Power Builder, Python With Django, Trainings via LinkedIn

- Basic Supervisory, Character Building, Basic ISO and QC Introduction, Morale Up, ISO 9001:2008, IT Security, Employee Code of Conduct ,Kaizen Introduction, Safety Awareness Training