**Experienced Software Developer (Angular, React, .NET C#, SQL Server)**

Experienced software developer who continuously working in Software Development field for about 14 years. Strong skills in using Git repositories. Used recent web app technologies such as Angular 7, React, React JS, and .NET Core in the last 4 years. Used ASP.NET Framework, C#, SQL Server, JavaScript, TypeScript, HTML, CSS for about 6 years. Building Lotus Notes apps on top of IBM Lotus Notes platform for about 4 years. Learning various technologies such as Java 8, MySQL, Spring, Hibernate, JSP, jQuery, Ajax, Express.js, Node.js, and MongoDB through courses and courses’ projects and assignments. Strong analytical, problem solving, and programming skills. Proven skill to rapidly adapt to new technical environments. Record of delivering outstanding results in challenging, deadline-driven environments. Talent for collaborating with diverse technical teams. Solid foundation in managing software development projects.

**EDUCATION BACKGROUND**

**Master of Science in Computer Science (2017-2019, GPA: 3.86)**

Maharishi International University, Fairfield, Iowa, USA

***Key Courses:*** *Modern Programming Practice, Web Application Programming, Enterprise Architecture, Algorithm, Modern Web Applications, Advanced Software Development.*

**Bachelor of Science in Computer Science (2003 – 2007, GPA: 3.47)**

University of Indonesia, Depok, Indonesia

**PROFESSIONAL EXPERIENCE**

**Technology Analyst at Infosys Limited, USA** • **Aug 2020 – Sep 2022**

I have been a fulltime employee of Infosys (<https://www.infosys.com/> ) since Aug 2020.

***Tasks Performed:***

* **March 2022 – Sep 2022**

In a project with PwC (<https://www.pwc.com> ), which is a project to develop web apps to support analytics, I did some of the development tasks using React, .NET Core, and Power BI, which include:

* + Created React components to display current online users as a proof-of-concept of co-author feature by making use .NET SignalR,.
  + Created React package to embed Power BI object by making use React package that’s available in node package manager.
  + Created Power BI report for demoing prototype.
* **Oct 2020 – Jan 2022**

In another project with PwC, in which the project was a project to gradually replace a legacy web app they had, as one of the front-end developers, I did some of the development tasks using React, which include:

* + Developed functionalities to persist new data to the back end by making use web API, such as functionalities in a feature to create a new engagement between PwC and their client.
  + Developed Donut chart app that consumed data from the back end by making use web API.
  + Developed an app to update email frequency setting that persist data change to the back end by using web API.
  + Developed migration tool.
  + Developed functionalities to persist data change to the back end by using web API.

An overview about the web app: <https://www.pwc.com/gx/en/services/tax/one-platform-one-approach/engagement-center.html>

A little bit about the front-end architecture which is one the things that I like from doing the project:

One of the goals was to make the web app to scale easier and to give freedom to developers to choose what programming language to use, and it was achieved by implementing micro front end architecture using single page application framework and CDN.

***Technologies Used:***

*React, CSS, .NET C#, VS Code, Azure repository, Azure DevOps,* Azure portal, Power BI, and SQL Server.

**Software Developer at Microsoft (CSU team) via Zen3 Info Solution America, Redmond, Washington, USA**  • **March 2020 – July 2020 (4 months)**

I was a fulltime employee of Zen3 Info Solution America (<https://zen3tech.com/>). They got me a project with one of their clients, Microsoft.

***Tasks Performed:***

* As one of the front-end developers at a project named Unified Action Tracker project, which was a project to develop a new web app, I did some of the development tasks using React, which were:
  + Some tasks to create chart components that handle some parts of the main information displayed on the main page of the web app. The component displayed statistic data from the web API in two types of charts, one chart was a stack-column-chart, and another one was a pie chart. The data was coming from actions data from Microsoft Azure database (Azure task items). The charts were developed using react-apexchart library.
  + Some tasks to create a web page with a defined URL pattern to submit a collection of information with some default information depending on some values in the URL. The submitted data was to appear as a task item in Azure.
* As one of the front-end developers at a project named Customer Portal project, which was a project to enhance existing web app they had, I did some of the development tasks using React JS, which were the tasks to create one of the widgets to be added to the web app.

***Technologies Used:***

*React, ReactJS, CSS, .NET Framework, SQL Server, Azure repository, Azure DevOps.*

**Senior .NET Developer at Kentucky-Workforce Development via Coolsoft LLC, Frankfort, Kentucky, USA**  • **Oct 2018 – Feb 2020 (1 year and 4 months)**

I was a fulltime employee of Coolsoft LLC (<https://www.coolsofttech.com/> ). They got me a project with Kentucky-Workforce Development Cabinet in which the cabinet was part of Kentucky Education Cabinet (<https://educationcabinet.ky.gov/>). The project was a project to develop a web app for Kentucky Center for Deaf and Hard Hearing (KCDHH). More about KCDHH: <https://www.kcdhh.ky.gov/>. The web app was to replace a legacy software they had that they used to handle requests of their services.

***Tasks Performed:***

* As one of the developers, I did some of the development tasks using Angular 7, Dev Extreme (Dev Express), Angular Material, .NET Core 2.1, Entity Framework, and SQL Server 2017.
  + .NET core app
    - Created database models using the Code first approach.
    - Created interfaces that are implemented by database models also view models, which were very helpful every time there was data model change because the interface would be like a reminder to add related properties to the models.
    - Created services to insert data to SQL server using Entity Framework.
    - Created services to query data from SQL server using Entity Framework and LINQ.
    - Created controllers as the endpoints to be called by the front-end platform in responding user’s commands to create, read, update, or delete data to / from SQL server database.
  + Angular app:
    - Created reusable angular components such as component to collect address information, phone information, person profile search, etc.
    - Created reusable angular components that serve as a control, such as components containing mat-select to select data from a table.
    - Created reusable angular components to upload file
  + Researched the technologies that were agreed to be used and applied them to the web app developments.
* Assisted the requirements gathering.

***Technologies Used:*** *Angular 7, VS Code, Dev Extreme (Dev Express), Angular Material, Flex Layout, .NET Core 2.1, Entity Framework, SQL Server 2017.*

**Software Engineer at BANK OF TOKYO MITSUBISHI UFJ (BTMU), Jakarta, Indonesia** • **2008-2017 (9 years)**

BTMU was a Japanese financial institution that had a branch in Jakarta. My careers there were:

**Senior Software Engineer / System Analyst (2012-2017):** Led several projects of internal enterprise applications developments.

***Tasks Performed:***

* Analyzed user requirements and recommended possible solutions. Determined design strategies. Defined project scope and assisted in creating project proposal. Managed project technical activities. Led system design. Performed code review to ensure compliance with coding guideline. Assisted system deployment to production server. Assisted system troubleshooting after implementation.
* Learned and applied new technologies including K2 Blackpearl Workflow Engine. Mentored other software engineers in using the new technologies.

***Achievements:***

* Developed web app that successfully served as the main system to support holiday-attendance administration to align with human resource department procedures. Used ASP.NET C#, SQL Server, and K2.
* Developed web app to automate creation of several types of accounting reports to support accounting department. Used ASP.NET C#, SQL Server, and windows service.
* Enhanced Lotus Notes app simulating FOREX transactions. Eased information sharing between employees that need FOREX transaction data. Achieved team award for outstanding performance.
* Developed web app that successfully served as the main system to support user-ID-administration to align with risk management procedures. Used ASP.NET C#, SQL Server, K2, and windows service.
* Developed web app to produce customer’s financial reports to support credit analyst department. Used ASP.NET C#, and SQL Server.

***Technologies Used:*** *C#, ASP.NET, Visual Studio, HTML, CSS, JavaScript, IIS, Windows Service, SQL Server Management Studio, SQL Server Database, K2 Blackpearl Workflow Engine, K2 Designer, ODBC, Macro Excel, Visual Basic, Lotus Script, Lotus Formula, Lotus Notes Database, Lotus Domino Designer, Windows.*

**Senior Programmer (2011-2012)**: Played key role in internal enterprise applications developments. Mentored junior programmers.

***Tasks Performed:***

* Analyzed user requirements and recommended possible solutions. Designed database. Performed coding.
* Coached junior programmers. Designed system flow. Performed code review. Performed testing.

***Achievements:***

* Developed Lotus Notes app to help in managing circulation of documents issued by management board.
* Finished first iteration of web app dev project to support credit analyst department. Used .NET C#, SQL Server.

***Technologies Used:*** *C#, ASP.NET, Visual Studio, HTML, CSS, JavaScript, IIS, SQL Server Management Studio, SQL Server Database, Lotus Script, Lotus Formula, Lotus Notes Database, Lotus Domino Designer, Windows.*

**Junior Programmer, Jakarta Branch (2008-2011)**: Played key role in internal enterprise applications developments.

***Tasks Performed:***

* Analyzed user requirements and recommended possible solutions. Designed database. Performed coding.
* Performed testing with peers.

***Achievements:***

* Developed Lotus Notes app to help Risk Management Department managing user ID administration.
* Developed Lotus Notes app to help Compliance Department overseeing reporting submission to government authorities.
* Developed Lotus Notes app to help Loan Department managing customer’s contracts and agreements documents.

***Technologies Used:*** *Lotus Script, Lotus Formula, Lotus Notes Database, Domino Designer, Windows*