

# Suyogya Taneja

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<https://suyogyataneja.github.io/>

## Key Skills Summary

<b>Programming Languages:</b>	<i>C#, Python3, vue.js, Angular, React, TypeScript, Java, C, C++, HTML, CSS</i>
<b>Web-Development Technologies:</b>	ASP.net Core, .NET Core, MEAN stack, Django
<b>Databases:</b>	Microsoft SQL SERVER, MongoDB, MySQL, ,NoSQL
<b>Project Management:</b>	Gantt Chart, JIRA, Agile Methodology, Azure DevOps
<b>Version Control:</b>	GitHub, Bitbucket
<b>Operating System:</b>	Windows, Ubuntu, Kali Linux, CentOS
<b>Cloud Technologies:</b>	Azure, AWS, Kubernetes

## Employment History

**Software Developer**  
**Jemena, Melbourne**

**June 2024– Present**

### Brief Description and Duties:

- Developed and maintained web applications using .NET Core, C#, ASP.NET Web API, and Entity Framework, contributing to enterprise-grade software solutions in the energy sector.
- Designed and implemented RESTful APIs and services using CQRS pattern, with a strong focus on modularity, reusability, and testability.
- Designed and implemented Azure-based solutions including Azure Functions to support event-driven and serverless workflows.
- Built and maintained CI/CD pipelines using Azure DevOps for automated deployment.
- Implemented PowerShell Scripts for Automating different use cases for business.
- Applied Domain-Driven Design (DDD) principles to architect complex business domains, resulting in better alignment between software models and real-world processes.
- Worked across React.js and Angular front-end frameworks, integrating APIs for seamless user experience.
- Led the implementation of unit and integration tests using xUnit and Moq, ensuring high code quality and maintaining over 90% test coverage across critical services.
- Contributed to automated CI/CD pipelines via Azure DevOps, managing build and release definitions to streamline deployments and reduce manual errors.
- Collaborated in an Agile team setup, participating in daily stand-ups, sprint planning, and retrospectives while delivering high-quality increments every iteration.
- Performed thorough code reviews and technical documentation to support maintainability and knowledge sharing within the team.
- Carried out integration and system testing in QA environments, leading to significant reductions in post-release defects.

**Software Developer**  
**Servcorp, Melbourne**

**Jan 2022– May 2024**

**Brief Description and Duties:**

- Building new features and maintaining the Servcorp Web Application in **.NET Core using C#, WCF & ASP.NET Web API** and Entity Framework.
- Working on **REACT-JS and Angular 8** for front end web applications.
- Event Driven Architecture- Kafka, Docker, Seq.
- Implementing DDD (Domain Driven Design) framework and CQRS pattern across domains.
- Building application by following common design patterns, adhering to architectural guides, peer review processes and documentation.
- Setting up and Running Build Pipelines on Azure DevOps.
- Writing Unit and Integration Tests for all API calls across domains.
- Deploying solutions to quality assurance environments and completing integration testing.
- Debugging, diagnosing and resolving defects discovered in the **Servcorp** application.

**Software Engineer**  
**Contact Harald, Sydney**

**Sept 2021– Jan 2022**

**Brief Description and Duties:**

- Building new features and maintaining the Contact Harald Web Application in **ASP.NET Core using C# including HTML / CSS / JavaScript and SQL Server**.
- Working with ASP.NET Boilerplate (**ABP**) **application framework/ ASP.Net Zero**.
- Building application by following common design patterns, adhering to architectural guides, peer review processes and documentation.
- Deploying solutions to quality assurance environments and completing integration testing.
- Debugging, diagnosing and resolving defects discovered in the Contact Harald application.

**Software Developer**  
**Droppoint Pty Ltd, Wollongong**

**June 2021 –Aug 2021**

**Brief Description and Duties:**

- Developing, enhancing and configuring existing and new **Azure** applications and components, to create the Droppoint suite of technologies in **Angular 8, .NET Core using C#**.
- Developing/programming robust and flexible software solutions with the development team, as well as contributing to identifying shortfalls/opportunities to enhance the Droppoint products.
- Operating within Droppoint's **agile development framework**, including appropriate scrum ceremonies.
- Deploying solutions to quality assurance environments and completing unit and integration testing.
- Debugging, diagnosing and resolving defects discovered ensuring solutions are fit for purpose.

**Software Developer**  
*Monash University, Melbourne, Australia*

**Feb 2020 – March 2021**

**Brief Description and Duties:**

- Developed web applications using ASP.NET MVC with a focus on functionality and intractability.
- Implemented numerous web-services and APIs in ASP.NET along with front end designing.
- Worked with importing Excel Sheets and inserting in the database.
- Implemented front end applications in Angular for real-time updates.
- Building reusable components for maximum performance across vast array of web-capable devices and browsers.

- Implemented Two-Factor Authentication to increase the security of the application and Report generation in the form of PDFs.

#### IT Support Consultant

Jan 2019 – Jan 2020

TotalIT Consult Pty Ltd, Melbourne, Australia

- Worked for various clients such as Mondelz, Thomson Reuters, JetStar, WPS.
- Performed windows migration activity for various clients.
- Enhanced communication skills by directly communicating with the users.
- Provided Tier-1 support to all the users.
- Rack Mounted switches, routers and other network equipment.
- Performed user account management activities and troubleshoot client software and basic network connectivity problems.
- Maintained user, group, and accounts for the different clients(Active Directory).

#### Graduate Software Engineer

Jun 2016 – Jun 2017

HCL Technologies, Noida, India

- Worked in PepsiCo Project.
- Implemented the back end and front end for web applications in **Python(Django)**.
- Worked on automation in Python.
- Worked on IBM BIG-FIX Agent(system patch management service) to deploy the patches on PepsiCo servers.
- Experience with all phases of the waterfall and Agile software development methodologies.

### Education

#### Professional Year

Dec 2019 – Dec 2020

Performance Education, Melbourne, Australia

#### Masters in Networks and Security

July 2017 – July 2019

Monash University, Melbourne, Australia

*Key Subjects: **Software Engineering, Software Security, Programming foundations in Python, Network Security, Enterprise Security, Planning, Operations, and Management.***

#### Bachelors in Computer Science and Engineering

June 2012 – May 2016

Amity University, Noida, U.P, India

*Key Subjects: **Web Application Development, Database Management System, Mobile App Development, Object Oriented Design, Analysis and Design of Algorithm, Software Engineering***

### Academic Projects

1. Developed a web application in association with Monash University to support new Australians aimed to help refugee children to find popular sports and events. The web application was built using **.NET MVC**. With C# as the backend language, the front end included the implementation of complex UI using **Razor for C# and multiple JavaScript libraries**.
2. Morse Code Encoding and decoding without using any external libraries in **Python 3**.
3. Wrangled and cleaned data for visualization using **Matplotlib**.
4. Created a Patient Management System for doctors using **ASP.net Core**.

## References

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Available upon request