

Tenzin Choedhen

New Haven, CT | (617) 676 8927 | tenzin.choedhen.jp@gmail.com | [LinkedIn](#)

EDUCATION

University of New Haven, CT

August 2024 - present

Master of Science in Business Analytics

Chiba Institute of Technology, Tokyo (Japan)

April 2022 - March 2024

Master of Engineering in Information and Computer Science

SJB Institute of Technology, Bangalore (India)

September 2015 - June 2019

Bachelor of Engineering in Computer Science and Engineering

TECHNICAL SKILLS

Programming languages: C, C++, C#, Java, Python

Web Technologies: HTML, CSS, JSON, AngularJS, React, JavaScript

Databases: MySQL, Relational database, Microsoft SQL server

Developer Tools: Visual Studio, Advanced Excel, SharePoint, Power BI, Power Automate, Salesforce

Version Control Tools: Git, GitHub, GitLab, Microsoft TFS

Project Management: Agile Scrum methodologies, Software Development Life Cycle (SDLC), Code review, Confluence

PROFESSIONAL EXPERIENCE

IT Graduate Intern, Mitsubishi Fuso, Tokyo (Japan)

January 2023 - June 2023

Summary: Worked in Digital Transformation Team, identified areas where **digital transformation** is required, planned and implemented the solutions in an Agile environment.

- Developed and deployed a Power Automate workflow to **automate communication** with 216 parts manufacturing suppliers, resulting in an estimated **saving of 640 hours** per year and **3.2 million JPY** annually.
- Developed and deployed an organization-wide **digital learning platform** using SharePoint to promote Microsoft 365 products within the organization.
- Developed lunch lottery system using **SharePoint** and **Power Automate** to promote employee collaboration.
- Authored **technical documentation** on **Confluence**, resulting in better knowledge sharing across teams.

Software Developer, First American Corporation, Bangalore (India)

July 2019 - January 2021

Summary: Worked in a team responsible for designing and developing the AgentNet application that primarily follows the

MVC architectural pattern, utilizes **JavaScript** for client-side programming, **C#** for server-side programming, **SQL** for database, **AWS** for hosting infrastructure and **GIT** for source control in an **AGILE** workspace.

- Provided for a **6-fold increase** in processing speed by creating a system to automate the process of information extraction from structured documents (primarily invoices) using Angular 8 and Python.
- Developed **APIs** and implemented **Test-Driven Development** using .NET Core to improve the application.
- Assisted in migrating the application to the **AWS Cloud Environment** from an On-Premises one.
- Identifies and fixed/mitigated rate calculation error for **Closing Protection Letter** issued in the process of **underwriting**.
- Incorporated **Multi-Factor Authentication** and **Single Sign-On** in the application using Identity as a **Service**.

RESEARCH AND PROJECTS

Employee Leave Management System (Salesforce Lightning Web Controller, Apex Programming, Flow)

June 2024

- Developed and deployed a system using salesforce technologies where employees can apply for leaves and get it approved.
- Currently being used at SohoBB Corporation based in Tokyo, Japan.

"Examining the Change of Sentiments towards Online Learning: A Comparative Analysis of Pre, Amid, and Post COVID-19 Pandemic Twitter Data" (Python, Sentiment Analysis - TextBlob, Topic Modelling - LDA)

March 2024

- 34,565 tweets were scraped using snsrape, prepared and divided into three pandemic phases using the UNESCO school closure database.
- Sentiment Analysis - polarity and subjectivity analysis, were performed using TextBlob.
- Topic Modelling and Topic Identification were done using Latent Dirichlet Allocation (LDA).

Student Attendance Management System (Swift, XCode, Firebase)

June 2019

- Developed an iOS Application for attendance tracking and management using QR code, Touch ID and GPS.