Gyamjo Sherpa

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Authorized to Work in United States | Work Visa NOT required

WORK EXPERIENCE

Application Developer Intern   June 2025 – Present
NYC Dept. of Environmental Protection   Queens, New York

- Worked on HR and onboarding applications, using Agile sprints in Azure DevOps to fix bugs, improve backend logic, and add new features in Dynamics 365.
- Helped rebuild the DTA (Delaware Treatment Advisory) system from the ground up, gathering feedback, co-designing the UI with my team, and developing the app in C# using .NET.
- Collaborated with developers, project managers, and end users to test features, write JavaScript for form logic, and make updates based on real-time feedback.

Software Developer Intern   May 2024 – August 2024
VJ X-ray, Inc   Bohemia, NY

- Developed a Windows application from scratch using C# and .NET to securely access and retrieve critical SharePoint and Excel file data based on user input.
- Wrote a custom search algorithm to scan Excel files and return specific results, enabling users to filter data and trigger related document downloads directly from the app.
- Integrated Microsoft Graph API with Azure AD for secure access control, designed the UI in Visual Studio, and completed the project independently and on time.

Software Developer Intern   June 2023 – August 2024
NYC Department of Mental Health and Hygiene   LIC, NY

- Helped develop an interactive web application for clients and assignees using ASP.NET MVC, working closely with the project manager to define goals and deliver features.
- Designed and built SQL databases, refined UI mockups based on evolving requirements, and implemented backend functionality using C#, JavaScript, and AngularJS.
- Managed testing, user training, and deployment, gaining hands-on experience across the full development lifecycle while ensuring a smooth rollout for internal users.

PROJECTS

Financial Risk Predictor : https://github.com/luckyguam/FinancialStatusPredictionApplication

- Developed a Java-based Random Forest model for financial risk assessment.
- Built a recommendation system based on risk analysis.
- Implemented data imputation and bootstrapping techniques.

Community Health Data Query System: https://github.com/luckyguam/Community-Health-Data-Query-System

- Built a Java-based application with SQL database in AWS that allows users to input natural language queries and generate SQL solutions.
- Enabled dynamic query execution and visualization of results for community health assessment data.

TECHNICAL SKILLS

Languages | Java, C, C++, SQL, Python , JavaScript, TypeScript, C#, HTML, CSS
Frameworks & Library | Asp.Net, JavaFX, Bootstrap, reactJS, Node.JS, Random Forest, OpenCV,
Developer Tools | MySql, Git, Docker, Visual Studio Code, Eclipse, Oracle, Azure Active Directory, MS Graph API, AWS, Tableau, Power Query, Excell Look Up
Non Technical Skill: Communication & Presentation, Teamwork & Leadership, Multi-tasking & prioritization,

EDUCATION

Bachelor in Computer Science   **Graduated in July 2025**
Cuny, Queens College   Queens, NY