Uudus Bayarsaikhan, C.I.T.

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SUMMARY OF QUALIFICATIONS

- Experienced in designing Web applications using different Backend and Frontend frameworks such as ASP.NET, Ruby on Rails, Angular, and React.
- Proficient with a variety of programming languages.
- Efficient at utilizing project management and teamwork skills to further accelerate the overarching goals of the company.

EDUCATION

Minnesota State University, Mankato – Mankato, MN   December 2021
Bachelor of Science in Information Technology and Minor in Mathematics
Cumulative GPA: 3.36/4.00
Courses: Algorithm and Data Structure, Calculus I, Calculus II, Computer Architecture, Database Management Systems, Fundamentals Programming, Fundamentals of Software Development, Human Computer Interaction, Information Security, Information Warfare, Introduction to Database Systems, Introduction to Mathematical Software Programming, Introduction to Networking, Linear Algebra, Network and Security Protocols, Operating Systems: Design and Implementation, Ordinary Differential Equations, Software Engineering, System Analysis and Design, Web Application Design and Development.

TECHNICAL PROFICIENCIES

Language: Python, C, C++, C#, Java, JavaScript, Wolfram Mathematica, R, HTML, CSS/SASS, Typescript, Ext JS
Web Development: Angular, React, ASP.NET, Ruby on Rails
Mobile Development: Android Studio
Database: MySQL, PostgreSQL, MongoDB

RELEVANT PROJECT EXPERIENCE

Smart Stick Device for Visually Impaired Person – Mankato, MN
This IoT project aims to design a smart stick that can detect a coming object to alert the user. The user can adjust the range for object detection and implement people's faces into the device. Python, OpenCV, NumPy, Haar Cascade, Web camera, Ultrasonic proximity sensor, and Raspberry Pi were used for object detection.

Federated Insurance Web – Mankato, MN
In my Web Development class, my team made a Salary Management website based on Federated Insurance business needs. Throughout the whole semester, we used Agile methodology to involve our clients in every stage of the project to meet their requirements. Java, Spring, HTML, and CSS were used for the project.

Personal Website – Mankato, MN
My personal website defines who I am neatly. It has information about my work experiences, where I got my education, and what projects that I have worked on. JavaScript, HTML, and CSS were used for the portfolio website.

RELEVANT JOB EXPERIENCE

Nomlog Inc   May 2019– August 2019
Software Engineering Intern – Ulaanbaatar, Mongolia
- Assisted in the development of the new platform for Mongolian high schools which uses a Machine learning to improve student's activity and performance.
- Used stored procedures, triggers, and views in MySQL to provide structured data to the platform by combining data from different data sources.
- Applied feature selection algorithms to predict potential outcomes.

Open Access Technology International, Inc.   February 2022 – Present
Software Engineer – Minneapolis, MN
- Maintaining existing software such as fixing bugs, enhancing existing features, implementing new features, and documenting changes.
- Designing a new software based on client requirements using Spring Boot, API Gateway, Java, C#, Ext JS, MongoDB, and PostgreSQL.
- Responsible for end-to-end testing, unit testing, and peer review testing.

AWARDS

The National Conferences on Undergraduate Research – Bozeman, MT   March 2020
- Successfully participated with my Smart Stick Device for Visually Impaired Person.