

SHRISTI CHAPAGAIN

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EDUCATION

Concordia College, Bachelor of Arts

Moorhead, MN

Major in Computer Science, Minor in Mathematics

May 2023

- **GPA: 3.92/4.00**
 - **Honors:** Barry Scholar 2021-2023, Outstanding Computer Science/MIS Student 2020-2021, Outstanding Junior of the Year 2021-2022, Credo Honors, All Semester Dean's List
- **Relevant Coursework:** Software Engineering, Algorithm Analysis, Fundamental Structures, Operating Systems, Web Design and Programming, Computer Networks, Principles of Programming Languages, Computer Crime and Forensics, Discrete Mathematics, Database Management

EXPERIENCE

Software Developer

June 2023-Present

RDO Equipment Co., Fargo, ND

- Proficiently engineer and maintain software applications leveraging C#, .NET, and Razor MVC, advancing user-centric functionality and experience
- Design and implement RESTful APIs to facilitate seamless data exchange, enhancing system interoperability
- Collaborate with different teams to analyze project requirements, successfully delivering high-impact solutions on time
- Leverage Azure cloud services to optimize software capacities, ensuring scalability, availability, and cost-efficiency

Web Developer

May 2020- Feb 2023

Concordia College, Moorhead, MN

- Updated research website using HTML, CSS, PHP and JavaScript, allowing over 300 students to submit research proposals
- Developed new WordPress plugins using PHP to enhance collaboration and efficiency for researchers and administrators
- Implemented responsive design strategies, optimizing user experience across devices and enhancing engagement

Database Management and Data Analytics Intern

Sept 2022-Dec 2022

Lutheran Services in America, Washington, DC

- Created interactive dashboards using MS Power BI, allowing executives to analyze key data trends
- Automated the production of 50 state fact sheets using database management tools, saving an estimated 30 hours of manual labor each month

Application Developer Co-op - Business Intelligence and Data Analyst

May 2021-Dec 2021

Bobcat Company, West Fargo, ND

- Executed ETL operations, optimized SQL queries with Oracle tools for streamlined business intelligence data management
- Improved project efficiency with Git for CI/CD, agile project management in JIRA Kanban, facilitating seamless collaboration and timely delivery
- Utilized Oracle Analytics Cloud to develop insightful reports and dynamic dashboards, enabling progress monitoring and trend analysis for informed decision-making and strategic planning

CERTIFICATIONS

- Udemy Data Structures and Algorithms
- HTML, CSS, and JavaScript for Web Developers
- Learning REST APIs

SKILLS/PROJECTS

Java | C# | .NET | C | C++ | Python | Rest APIs | JavaScript | React | Node.js | HTML | CSS | AJAX | Bootstrap | SQL | Microsoft SQL Server | PHP | Git | Agile | Azure | Oracle | Jira Kanban | WordPress

E-commerce Website: Built using HTML, CSS, JavaScript, Ajax, PHP, SQL

prism.shristischapagain.com

Eco Log: Built using React.js, Node.js, Express.js (at HackPrinceton)

github.com/Shristi321/CleanTechHack

Candy Vending Machine: Built using Java

github.com/Shristi321/CandyVendingMachine

Resume Builder: Built using HTML, CSS, JavaScript, PHP, SQL

resume.shristischapagain.com

Election Rush: Built using GDScript in Godot in SharkHack's MiniHack (Winner)

LEADERSHIP

President, Computer Science and Software Engineering Club, Concordia College

Mar 2020- Dec 2022

URSCA Web Ambassador, Concordia College

Aug 2020- May 2023