Ishwor Tandon

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EDUCATION

University of Lethbridge, Lethbridge, AB   Anticipated – April 2025
B.Sc. & B.Mgmt in Computer Science and Business Management
Minor in Mathematics
Relevant Coursework: Software Engineering, Data Structures & Algorithms, Data Science & Analytics, Database Systems, Data Mining and Deep Learning, Statistics, Artificial Intelligence

PROFESSIONAL WORK

Full Stack Developer   Sep 2020 – Present
New Taste of India   *(Demo)* || *(Source Code)*
Lethbridge, AB, Canada
- Developed responsive website for the restaurant utilizing HTML5, TailwindCSS, JavaScript, NextJS and ReactJS frameworks, to meet project specification.
- Implemented a search engine optimization (SEO) strategy to raise the website's ranking in organic search engine results leading to a **65%** increase in customer visits.
- Engineered a comprehensive food ordering system for takeout and delivery, seamlessly integrating APIs to optimize functionality and enhance user experience.
- Conducted data analytics utilizing Excel sheets from prominent companies such as SkipTheDishes and DoorDash, producing insightful visualizations for enhanced understanding and strategic decision-making.
- Analyzed and interpreted complex data sets relating to company metrics, leading to a **15%** improvement in year-over-year revenue by identifying key factors influencing customer behaviour and Sale Trends.

PROJECT WORK

Full-Stack Developer   April 2024 – Present
Vilas Esthetics & Nails Spa   *Calgary, AB*
- Collaborated with a team of six in developing a Full-Stack website with Next.js 14, TypeScript, and React.
- Implemented Agile processes to propel project advancements, enhance teamwork, and meet changing client requirements, resulting in a **22%** rise in client approval scores.

AI Interview Prep Application *(Demo)* || *(Source Code)*   June 2024 – Present
- Developed and deployed a comprehensive AI-driven mock interview application, implementing Next.js, Drizzle ORM and Clerk for secure and streamlined user authentication and management.
- Integrated Gemini AI to power the mock interview sessions with advanced AI capabilities, enhancing the realism and adaptability of interview scenarios.

Heart Disease Classification| Python, Sklearn, Pandas, Matplotlib, Seaborn, Jupyter Notebook
- Developed and implemented Supervised Machine Learning and Deep Learning Models i.e Convolutional Neural Network to build a model to classify heart disease from X-rays and pre-built model (VGG13) and SHAP for Data Visualization and Interpretation.
- Optimized CNN performance and accuracy by **10%** through hyperparameter tuning.

TECHNICAL SKILLS

Languages: C++, C, Python, TypeScript, JavaScript, SQL, HTML5
Frameworks and Libraries: Tailwind CSS, MySQL, React, Next.js, Node.js
Tools and Platforms: GitHub, Jupyter Notebook, Git, Vercel, Azure DevOps, Miro