



# MUHAMMAD USMAN

 Portfolio

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 github.com/musman12529

 St. John's, NL

 in/usman12529

## EDUCATION

09/2021 - 12/2025	<b>Memorial University of Newfoundland</b> Bachelor of Science in Computer Science (4th Year)	St. John's, NL
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## SKILLS

**Programming Languages:** Python, Java, JavaScript, TypeScript, HTML, CSS, SQL  
**Libraries/Frameworks:** React.js, Node.js, Express.js, Next.js, Spring Boot  
**Database Management:** PostgreSQL, MySQL, MongoDB, Mongoose  
**Developer Tools:** AWS, Git, GitHub, Visual Studio Code, Postman, Unreal Engine, Jupyter Notebook

## EXPERIENCE

03/2024 - Present	<b>Full Stack Developer</b>   <i>Muslim Student Association at Memorial University</i> • Developed and maintained web application using Next.js and TypeScript as part of an Agile team. • Leveraged React.js for optimized state management and organized component architecture. • Integrated PostgreSQL for efficient database management, showcasing robust data manipulation skills. • Contribute to team meetings by offering insights and suggestions to improve website functionality.	St. John's, NL
02/2024 - Present	<b>Stock Unloader Associate</b>   <i>Walmart</i> • Unload and sort general merchandise trailers to maintain accurate inventory management. • Completed safety sweep logs to ensure workplace safety. • Provide exceptional customer service whenever necessary, enhancing the overall shopping experience.	St. John's, NL

## PROJECTS

09/2024	<b>Premier League Fantasy</b>   <i>ReactJS, Spring Boot, PostgreSQL, Python, Pandas, ML</i> • Engineered comprehensive data scraping of match statistics for 600+ players using Python and Pandas. • Performed dynamic manipulation and presentation of the data through a Spring Boot application. • Implemented real-time data manipulation within a Postgres database through the effective use of SQL queries, establishing a seamless integration with a user-friendly React.js interface. • Created a model to predict matches, integrating machine learning with scikit-learn.	<a href="#">GitHub Link</a>
08/2024	<b>InternHub</b>   <i>React.js, Node.js, Express.js, MongoDB, JWT, Gemini API, AWS, REST APIs</i> • Developed a full-stack internship portal using React.js, implementing user features such as internship listings, application management, and a reviews system. • Integrated secure JWT-based authentication and AI-powered chatbot assistance via Google Gemini API. • Implemented reliable backend with Node.js, Express.js, and MongoDB for efficient data management. • Deployed the app on AWS EC2, ensuring secure and scalable hosting for the application.	<a href="#">GitHub Link</a>
04/2024	<b>Sign Language Detector</b>   <i>Python, TensorFlow, OpenCV, CVzone</i> • Programmed a Python application for real-time sign language detection, achieving 90% accuracy using TensorFlow and cvzone for hand tracking and classification. • Implemented scripts for data collection and model training.	<a href="#">GitHub Link</a>
12/2023	<b>Opinion Exchange</b>   <i>Python, Bottle.py, SQLite, HTML, CSS, JavaScript</i> • Developed a versatile forum website for performance evaluations as part of an academic team. • Utilized Agile methodologies for efficient development and iterative improvements. • Conducted unit testing using Python's unittest framework and utilized Postman for server testing.	<a href="#">GitHub Link</a>

## EXTRACURRICULARS

09/2023 - Present	<b>Sponsorship Coordinator</b>   <i>Hack Frost NL</i> • Secured sponsorships and managed relationships with corporate partners to ensure hackathon success. • Acquired a \$2000 sponsorship through successful outreach for our Winter 2024 hackathon.	St. John's, NL
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## CERTIFICATIONS

08/2024	<b>AWS Certified Cloud Practitioner</b>   <i>AWS</i>	<a href="#">Certificate Link</a>
12/2023	<b>The Complete 2023 Web Development Bootcamp</b>   <i>Udemy</i>	<a href="#">Certificate Link</a>