

Humza Baig

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EDUCATION

Wilfrid Laurier University

Bachelor of Science in Computer Science

Remote

IBM

IBM Machine Learning and AI Certification (3 Month Course)

Expected Graduation 2027

Waterloo, ON

Expected Completion May 2025

EXPERIENCE

Full Stack Software Engineer

Apr 2024 – Sep 2024

Martinrea International

Vaughan, ON

- Developed **responsive, multi-step banking forms** using *React* to enhance **agent efficiency**
- Conducted **user testing and QA**, resolving UX flaws to improve **onboarding accuracy**
- Engineered **workflow logic** to automate **lead capture, approvals**, and final submission
- Built a **role-based user hierarchy system** enabling **access control** and **team collaboration**
- Participated in **Agile stand-ups** and **weekly meetings** to align on sprint progress

Power Platform Developer

Apr 2023 – Sep 2023

Martinrea International

Vaughan, ON

- Designed **Power BI dashboards** for program tracking across **RFQ to Production** phases
- Built **real-time filters, segmentation**, and **conditional logic** to flag escalations and delays
- Created an **Excel-based replica with PivotTables and VBA scripting** to support offline access
- Used **data automation** to clean, normalize, and validate Excel sheets for **report accuracy**
- Empowered **non-technical teams** to run self-serve reports with **built-in logic workflows**
- Participated in **daily standups and weekly syncs** to coordinate tasks and resolve blockers

Front End Software Engineer

Apr 2022 – Sep 2022

Martinrea International

Vaughan, ON

- Built a new **corporate website** using *HTML, CSS*, and *PHP*, coding icons and UI components
- Designed and integrated **scalable vector icons** using *Adobe Illustrator* for site interface
- Migrated files from the **legacy intranet** and created new content for production deployment
- Ensured **responsive layouts, cross-browser compatibility**, and fast load performance
- Refactored codebase and optimized folders for **corporate server deployment**

PROJECTS

STELLAR | *React Native, Solana SDK, Bitquery API*

Jan 2025 – Present

- Built **STELLAR**, a mobile-first DeFi hub with a **Crypto wallet**, DEX screener, and portfolio tracker
- Developed a **real-time data pipeline** using *WebSockets* and *Bitquery API* for token tracking
- Designed a sleek, **mobile-native UI** with charting, token pages, and animated transitions
- Integrated **secure Crypto wallet auth** for live assets, transaction signing, and filtering tools
- Enabled **chart rendering** token history views, liquidity pool insights, and wallet-specific token metrics

Auto Sniper Bot | *TypeScript, Solana SDK*

May 2023 (3 days)

- Created a **high-frequency trading bot** to snipe tokens on DEXs like *Raydium* in 3 days
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Built backend in *Node.js* and *Web3.js* with **Solana RPC/WebSocket** support
- Designed a desktop dashboard with *Electron* and *Xterm.js* for real-time control

Portfolio Website | *React.js, Next.js, Firebase, Postman*

Apr 2025 – Present

- Created a **responsive portfolio** using *Next.js* to showcase projects with animated UI
- Added **typewriter text, floating icons**, and a **constellation-style particle background**

TECHNICAL SKILLS

Languages: Python, Javascript, React.js, React Native, Next.JS, HTML/CSS, Typescript, SQL

Frameworks: React, Node.js, Tailwind.css, Solana SDK

Libraries: pandas, NumPy, Matplotlib, TensorFlow, scikit-learn

Developer Tools: VScode, Git, Github, Gitlab, Vercel, Figma, Expo, Solana SDK, Postman, Websockets