

Humza Baig

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EDUCATION

Wilfrid Laurier University

Bachelor of Science in Computer Science

Waterloo, ON

Expected Graduation 2027

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 | *JSReact.js, Next.js, Tailwind.css*

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**
- Included interactive features like **resume download, shooting stars**, and **experience cards**

TECHNICAL SKILLS

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

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

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