Jonas Albaira

Software Engineer/Developer

✉ jonas.albaira@gmail.com 📞 9052425137 📍 Oshawa, Ontario 🔗 leusdigital.com 🔗 linkedin.com/in/jonas-albaira

EDUCATION

Bachelor of Engineering (Honours) Software Engineering   2019 | Oshawa, Ontario
OntarioTech University

EXPERIENCE

Code Instructor / Code Sensei   Feb 2024 – Present | Pickering, Ontario
Code Ninjas ✎
- Assisted students in developing game building projects using MakeCode Arcade (Javascript Game Framework)
- Taught Python programming classes to students using LEGO robotics kits, combining coding fundamentals with hands-on engineering challenges to enhance learning engagement.
- Built a portfolio of 2D games using Javascript, showcasing skills like sprite animation, collisions, tilemaps, and event-driven logic.
- Created a web-based dashboard with Python backend, React frontend, and Firebase database to track and display student star counts, streamlining progress tracking for Code Ninjas instructors.

Founder/ CTO   May 2021 – Jan 2024 | Oshawa, Ontario
Leus Digital ✎
- Built and scaled a web development side hustle, generating over 5-figures in revenue within the first 3 years.
- Successfully built and scaled 10+ different business websites, including e-commerce websites, landing pages and booking websites.

Software Developer (Java)   Jan 2020 – May 2021 | Toronto, Ontario
Tata Consultancy Services ✎
- Deployed a Wire Room application for a leading financial institution (Capital Markets and Inventory & Treasury Services).
- Deployed corporate apps, managed Ubuntu servers and IBM WebSphere setups, handled Oracle SQL database tasks.
- Built an internal tool to automate injecting message payloads to MQ's reducing manual efforts by 50%.
- Automated GUI testing with Java Selenium reducing manual efforts by 85%.
- Scripted ISO 20022 data in xml for QA testing, cutting prep time by 80%.
- Assisted AML team with Fircosoft and compliance integration, and managed CI/CD with Jenkins and GitHub for DevOps.

Web Developer   Sep 2018 – Jan 2020 | Oshawa, Ontario
OntarioTech Student Union ✎
- Created a custom WordPress website with responsive design using HTML, CSS, PHP, MySQL, jQuery and JavaScript.
- Enhanced website performance and security, converted PSD to WordPress, and optimized code/database.
- Handled website updates and provided WordPress technical support.

Web Developer   Sep 2015 – Dec 2019 | Whitby, Ontario
Medicstox ✎
- Developed and scaled an e-commerce site with WooCommerce, WordPress, and custom PHP, MySQL
- Implemented front-end pages and it's components that adheres to best UI/UX practices, increasing sales by 300%
- Optimized the Linux server, NGINX web server and MySQL database to house 10,000 products

SKILLS

Front-end — HTML, CSS, Javascript, React, **CI/CD** — Jenkins, GitHub, **Back-end** — Python, Java, Lua, PHP, SpringBoot, **Cloud Computing** — AWS, DigitalOcean, GCP, **Database** — SQL, MySQL, Firestore

SUMMARY

Experienced Software Developer with 9+ years of expertise in website and application development. Proficient in React and other JavaScript libraries. Advanced Java, Python and PHP backend programming. Experienced in Banking, Financial, Education and Creative industries

PERSONAL PROJECTS

BoozeCoin (BUZ) ✎   Jan 2025
Launched a custom ERC-20 token smart contract on the Polygon network (contract address: 0x96c7...b334), built in Solidity and leveraging the efficiency of Polygon's Thales zkEVM-compatible PoS chain for low-cost, high-speed DeFi operations.

Automated Algorithmic Trading Bot   Sep 2024
Developed a fully automated trading bot in Python that extracts market data, performs technical and fundamental analysis, generates signals, backtests strategies, and executes trades in real-time via the OANDA API. The project showcases end-to-end algorithmic trading with live market integration and strategy performance tracking.

Pokemon Pokedex ✎   May 2025
Created a sleek and responsive Pokédex web app built with Next.js, powered by the PokéAPI, styled using Material UI, and deployed on Vercel for fast performance.