Jonas Ivy Imperial

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Professional Summary

Senior software engineer with 14 years of experience building ecommerce storefronts, backend systems, and databases. I specialize in Shopify Plus and headless Hydrogen builds for global brands, backed by deep PHP/Laravel, MySQL, and server experience. I have led migrations, multi-market pricing setups, B2B login and registration flows, and high-traffic gaming platforms from the ground up. Known for finding the root cause, comparing options with clear criteria, and writing it up so clients can decide.

Core Skills

- Shopify: Shopify Plus, Hydrogen and Oxygen, Remix, Liquid themes, Shopify Functions, Checkout Extensions, Shopify Flow, Gadget apps, Customer Account API, B2B (Companies, Locations, Catalogs, Price Lists), Metafields and Metaobjects
- Frontend: TypeScript, JavaScript, React, Redux, React Native (Expo), HTML/CSS
- Backend: PHP, Laravel, Lumen, Node.js, REST APIs, third-party API integrations, RabbitMQ, PHPUnit
- Databases: MySQL and MariaDB (including multi-master), MSSQL, Redis, MongoDB, query and performance tuning, ERD and schema design, data migration
- Cloud and DevOps: AWS, Cloudflare (DNS, Workers, Pages, Turnstile, Tunnel), Linux, NGINX, on-prem servers, IP whitelisting, Docker, WSL2, Git, SVN
- Identity and Security: Auth0, OIDC, MFA, bot protection, SPF/DKIM/DMARC email setup
- Testing: Selenium, Appium, PHPUnit
- Ways of working: solution architecture, technical evaluations, client demos, AI-assisted development (Claude Code, Claude API)

Professional Experience

Senior Software Engineer
Sep 2026 to Present

SLTWTR Inc

- Shopify developer for an enterprise direct-selling health and wellness brand with storefronts in 3 markets, working across the Shopify theme, Gadget apps and extensions, and a Hydrogen app-proxy service in a team of about 10 developers
- **Loyalty double-redemption fix (lead):** custom Shopify Flow action that holds loyalty points with a compare-and-swap metafield write, plus an ops runbook
- **Theme fixes (lead):** fixed price-level variant display and layout issues in the Shopify theme
- **Subscription live refresh (contributor):** added time-limited polling, retries, and targeted refresh to a Customer Account UI extension
- **Checkout extension API deprecation (reviewer):** diagnosed the failing deploys, prototyped a Preact/Polaris migration, and reviewed the team's final fix
- Bug fixes across the theme, Gadget apps, and extensions, including an order bundle double-count fix, a consultant site-name backfill with tests, and subscription data sync to the client's back-office system
- Write a design doc before non-trivial changes, add Jest tests, reproduce bugs in the browser first, and hand off to QA with before/after screenshots; Jira, Bitbucket Pipelines, and daily AI-assisted development with Claude Code

Senior Software Engineer
Aug 2022 to Sep 2026

The Formfactory

- Built and maintained Shopify Plus and headless Hydrogen storefronts for US and global brands, including Oru Kayak, Turtle Beach, The Bouqs, and 5 Star Nutrition
- Deployed to SLTWTR (Nov 2025 to May 2026) as a Shopify developer for an enterprise direct-selling health and wellness brand with storefronts in 3 markets
- **Consultant attribution and sponsor selection (lead):** referral tracking into cart attributes, self-referral blocking, sponsor lookup, an attribution banner, and a checkout check with per-market rules, shipped in all 3 markets
- **Market pricing sync (lead):** Gadget sync from Shopify Catalogs to market metafields, batched to stay under the 25-metafield limit
- **Share Cart (co-built):** discount code picker on the Storefront Cart API with 20 new unit tests, cart restore for recipients, sole author of the Gadget routes for creating and redeeming share codes, and WCAG 2.1 AA fixes
- **Consultant lookup API (contributor):** Hydrogen/Oxygen app proxy with HMAC checks and a cached Admin GraphQL client
- **Production migration:** moved 59 metaobject definitions, 260 metafield definitions, and 22 Flows from staging to production using a checklist and dry-run script; built a Gadget app and hybrid Flows for consultant upline assignment; fixed self-crediting and negative commission volume issues
- **B2B medical device brand (Magento to Hydrogen):** compared four login providers (Shopify OTP, Auth0, Microsoft Entra, Stytch) and demoed Auth0 with MFA to the client; built B2B registration flows that sync to the client's ERP; set up Companies, Locations, catalogs, and price lists
- **Turtle Beach and Oru Kayak:** part of the teams that launched Hydrogen migrations; built sections, product and collection pages, slide-out cart, gift-with-purchase and discount checkout extensions
- **5 Star Nutrition:** solo-migrated tens of thousands of subscription contracts from a third-party app to Shopify native subscriptions
- **The Bouqs:** built a checkout savings breakdown with Plus checkout extensions and Shopify Functions; redesigned how gift recipients are stored
- Created Salesforce Leads through the API using OAuth client credentials

Senior Backend Developer & Asst. Manager
Apr 2021 to Aug 2022

Web4u Inc.

- Built API integrations and backend services with Lumen and Laravel, with ReactJS frontends
- Handled backend, frontend, database modeling, and software and server architecture
- Managed 6 on-prem servers in Japan (128GB RAM, 32 cores each) and secured server-to-server traffic with IP whitelisting and blocklisting
- Worked on crypto and blockchain projects
- Helped manage the backend team as assistant manager

Senior Software Engineer
Oct 2018 to Apr 2021

WebSight EDM Solutions

- Built an online gaming platform from the ground up as a core developer, covering backend, frontend, database modeling, and software and server architecture
- Integrated game APIs from most major casino and slots providers (Evolution, Evoplay, AsiaGaming, BetConstruct, Pragmatic Play, and more)
- Led the team's follow-up gaming project through development
- **Stack:** Laravel/Lumen, MySQL multi-master, Redis Sentinel, ReactJS/Redux, Node, MongoDB, Linux, NGINX, SVN

Software Engineer & Database Administrator
Jun 2016 to Jul 2018

Yondu Inc.

- **Software Engineer (Jun 2016 to Jan 2017):** built SMS services and web apps for telco clients; gave third-level support across business units, including investigation, script fixes, and analysis
- **Database Administrator (Jan 2017 to Mar 2018):** maintained databases on Rackspace and AWS; handled data migration and database centralization, query optimization, tables, views, stored procedures and functions, user accounts and privileges, and backups and restores; built a shared Perl/PHP library for SMS services
- **QA Automation Engineer (Mar to May 2018):** built a Java test package with Appium Desktop to automate testing of mobile captive portals before deployment
- **Database Administrator (Jun to Jul 2018):** handled database upgrades, query optimization, user management, and security

Earlier Roles

WordPress Developer
Jul 2018 to Oct 2018

Bolton International Inc.

- Website backend, plugin creation and updates

Systems Analyst / Programmer
Feb 2015 to Jun 2016

Isuzu Automotive Dealership, Inc.

- Built and enhanced the Vehicle Sales, Master File Management, Accounts Receivable Tracking, and Insurance Management systems following the SDLC
- Handled database backup and restore, data migration, data extraction, and stored procedure and function QA as assistant DBA; published system releases
- Debugged and enhanced modules in PHP, ASP Classic, ASP.NET, VB6, VB.NET, and MSSQL; wrote UAT documents, user manuals, process flows, and system requirements

Junior Programmer
Jun 2012 to Mar 2014

Sprint International Inc.

- Built PHP, HTML, and JavaScript modules that automated daily operations: barcode printer, check writer, gift voucher printer, product registration from Excel imports, and monthly sales summary reports for 24 outlets
- Gave phone and remote technical support to the head office and 24 stores; fixed database errors, extracted data, and debugged PHP, ColdFusion, and Visual Basic code

Technical Support (On Call)
2011 to 2016

Redmark Westcoast Philippines

- Diagnosed hardware and software problems, ran preventive maintenance, backed up and restored files, and reformatted computers

Independent and Freelance Projects

- **Platform clone and AWS migration (Laravel, sports betting site):** sole server-side engineer cloning a live system into a new AWS account and domain for a company spin-off; planning wallet API split, database migration, and Cloudflare/Route 53 protection; send daily progress reports to the client
- **Personal site and email infrastructure:** run jonasivyimperial.com on Cloudflare with a Worker/Pages fallback; set up custom domain email with full SPF, DKIM, and DMARC

Education

- **Master of Information Technology** (in progress)
  Pamantasan ng Lungsod ng Muntinlupa (PLMun) · 2025 to Present
  Coursework: Advanced Database Systems, Advanced Systems Design, Data Mining and Warehousing, IT Service Management (ITIL 4), Information Security
- **BS Computer Science**
  Pamantasan ng Lungsod ng Muntinlupa (PLMun) · 2008 to 2013

Certifications and Training

- **Building with the Claude API**, Anthropic · 2026
- **TestDome:** PHP, MySQL, React, HTML/CSS, and Attention to Detail · 2019 to 2026
- **AWS Partner Accreditation** (Technical and Digital) · 2016