CHRISTOPHER SHIM

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack software engineer with 6+ years building production web and backend systems across fintech, payments, and banking. Strong with React, TypeScript, Node.js/Express, and .NET Core, backed by PostgreSQL/SQL, Docker, and CI/CD. Experienced shipping reliable merchant and financial features - APIs, dashboards, authentication, and third-party integrations and comfortable owning a feature end to end, from database to UI.

WORK EXPERIENCE

Dime Pay — **Kingston, Jamaica**
Full-Stack Software Engineer — **November 2024 - Present**

- Built merchant admin dashboard features in React/TypeScript, including beneficial-owner compliance review flows with conditional ownership-share rendering, and kept frontend behavior aligned with evolving backend API contracts.
- Implemented webhook signature-verification middleware (QStash/Upstash) that validated against the captured raw request body rather than a re-serialized payload, eliminating intermittent byte-level signature failures.
- Developed business-onboarding ID-verification validation logic across multiple entity types (sole trader, non-profit, and others), and resolved owner-data discrepancies between list and detail API responses.
- Shipped and maintained features on a Node.js/Express + Sequelize/PostgreSQL payments platform, supporting DB migrations and debugging production billing and account flows.

MC Systems — **Kingston, Jamaica**
Software Developer - Level II — **November 2023 - October 2024**

- Maintained and extended a core banking application for JN Bank (Gupta, C#, VB.NET, ASP.NET), reducing development time ~30% and improving efficiency ~25%.
- Optimized relational databases on SQL Server, improving query performance ~25% while preserving data integrity.
- Migrated a core banking module to Angular, improving application performance ~40%.

Smart Mobile Solutions — **Kingston, Jamaica**
Software Developer — **August 2022 - October 2023**

- Developed a receipt-digitalisation app (React.js, Node.js) that cut banking-process completion time ~30%.
- Cut deployment times ~40% using Kubernetes and Helm, and raised server-side reliability ~70% through unit testing.
- Standardized API documentation in Postman, reducing new-developer onboarding time ~30%.

KPMG JESS **Kingston, Jamaica**
React Frontend Developer **April 2020 - July 2022**

- Built and maintained features for a React-based talent-management platform used across KPMG member firms, turning designs into responsive, reusable components.
- Led a frontend performance-optimization initiative that improved application efficiency ~25% through rendering and load-time improvements.
- Integrated the frontend with backend APIs alongside distributed cross-border teams, meeting enterprise security-compliance requirements and synchronized release schedules while resolving defects ahead of launch.

KPMG JESS **Kingston, Jamaica**
Quality Assurance Analyst **February 2019 - April 2020**

- Ran UAT cycles with project stakeholders, achieving 99% release accuracy.
- Documented and triaged defects with developers to resolve issues before launch.

Carbonite Cloud Backup **Kingston, Jamaica**
Technical Support Specialist **June 2018 - December 2018**

- Supported customer onboarding rollouts, achieving a 97% resolution rate.

EDUCATION

Arizona State University **Tempe, Arizona, USA**
Master of Computer Science, Big Data Systems **Expected December 2026**

University of the Commonwealth Caribbean **Kingston, Jamaica**
Bachelor of Science, Information Technology **August 2018 - December 2021**

PROFESSIONAL CERTIFICATES

Engineering Project Management, ASU September 2025
Google Introduction to Generative AI, Google Cloud August 2024
Scrum Fundamentals Certified (SFC) June 2022

SKILLS

Languages & Frameworks: TypeScript, JavaScript, C#, React, Angular, Node.js/Express, .NET Core
Data: PostgreSQL, SQL Server, MongoDB, Sequelize
Cloud & DevOps: AWS, Azure, Docker, Kubernetes, CI/CD
Practices: Agile/Scrum, Unit Testing
AI Tools: ChatGPT, Gemini, Antigravity, Cursor, Claude

PROJECTS

Kanban Lite: Lightweight project-management desktop app (Next.js, Electron) with Kanban boards, workflow stages, and progress visualization.Windows Store Link **(November 2025)**

Calvary Baptist Church Website: Full website redesign (Next.js, Tailwind) delivering Events, Donations, and Admin Dashboard modules for a live client. Website Link **(January 2025)**

Fragrance Haven: Full-stack e-commerce app (React, Tailwind, .NET Core 7, ASP.NET Core) with product workflows, cart logic, and secure checkout; deployed on Fly.io and Vercel Web App Link - GitHub Link **(March 2024)**

Sunday Cruise: Real-time dating platform (Angular, .NET Core) with live messaging via SignalR, JWT authentication, profile management, and activity tracking; containerized with Docker on Fly.io. GitHub Link **(December 2022)**

LANGUAGES

English: Native

COMMUNITY INVOLVEMENT

Rotaract Club Member - District 7020: Community service, networking, and leadership development through international volunteer projects.