

PRINCE INOBA

FULL-STACK SOFTWARE DEVELOPER | React, Next.js, JavaScript, Node.js | Product Architecture, Testing & CI/CD

📍 Ottawa, ON



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[LinkedIn](#)



[GitHub](#)



[Portfolio](#)

PROFESSIONAL SUMMARY

Ottawa-based full-stack software developer and software engineer, who builds responsive, accessible, and deployment-ready web products from concept through production. Hands-on portfolio experience spans React, JavaScript, Node.js, Express, REST APIs, MongoDB, MySQL, serverless functions, PWA delivery, API integrations, automated verification, Git/GitHub workflows, and Vercel deployment. Strong background in product architecture, interface engineering, operational problem-solving, stakeholder communication, and AI-assisted development workflows. Seeking frontend, backend, or full-stack opportunities where dependable delivery, maintainable code, testing, accessibility, and user-centred product thinking matter.

TECHNICAL SKILLS

Frontend	React, JavaScript (ES6+), HTML5, CSS3, responsive design, accessibility, component architecture, progressive enhancement
Backend & APIs	Node.js, Express, REST APIs, Vercel Functions, server-side validation, third-party API integration
Data	MongoDB, MySQL, SQL, NoSQL, Upstash Redis, local storage, data modelling foundations
Testing & Delivery	Automated content/route/asset/security verification, Git, GitHub, GitHub Actions exposure, CI/CD concepts, Vercel, production checklists
Product Engineering	Requirements analysis, product architecture, mobile-first design, performance, secure configuration, documentation, debugging
AI-Assisted Development	GitHub Copilot/AI-assisted code generation, refactoring, debugging, documentation, test planning, and implementation support

SELECTED SOFTWARE ENGINEERING PROJECTS

Teoyube-Purpose-Discovery | *JavaScript, Node.js, Vercel Functions, AI-assisted Workflows* | [GitHub](#) | [Live Demo](#)

- Designed, integrated, tested, and deployed an exact-commit, noindex Portfolio Preview of a Scripture-grounded purpose-discovery platform using Next.js, React, TypeScript, deterministic Scripture retrieval, PWA/offline patterns, accessible responsive UI, Supabase/PostgreSQL architecture, and Vercel.
- Built and deployed an invitation-beta Preview of an AI-assisted, 98-route application with 337 passing unit/integration tests, 75 browser tests, 34/34 live accessibility cells, 328 responsive verification cells, zero high/critical vulnerabilities, and 22 deployment-verified portfolio screenshots.
- Applied modern software engineering practices, Created connected Promise, Prayer, Assignment, Book, Calling Compass, Testimony, Purpose Progression, Search, export, deletion, and offline workflows with explicit review-before-save, synthetic Preview data, and privacy-preserving provider boundaries, including Git-based version control, deployment automation, accessibility improvements, and iterative product refinement.

Pantrylens-ai | *JavaScript, Node.js, Vercel Functions, AI Vision* | [GitHub](#) | [Live Demo](#)

- Developed an AI-assisted pantry management application that analyzes food inventory and provides intelligent meal suggestions while promoting efficient household food management.
- Built responsive interfaces with secure serverless API integrations, image-processing workflows, and browser-based state management for fast, intuitive interactions.

Teoyube-Scripture-Intelligence | *JavaScript, Node.js, Vercel Functions, PWA, AI Gateway* | [GitHub](#) | [Live Demo](#)

- Architected a privacy-conscious Scripture discovery product with conversational guidance, source traces, guided reflection, offline support, and deterministic fallback behaviour.
- Designed a static-plus-serverless architecture with focused health, search, and guide endpoints; maintained clear safety, privacy, and product-boundary documentation.

Bookie | *JavaScript, Node.js, Google Books API, PWA* | [GitHub](#) | [Live Demo](#)

- Developed a privacy-first reading platform enabling book discovery, curated reading paths, progress tracking, personal libraries, ratings, and note management without requiring user accounts.
- Integrated Google Books API with browser-based storage to support personalized reading experiences while maintaining user privacy and application responsiveness.

Ikea-clone-Marketplace-ai | *JavaScript, Node.js, Vercel Functions, Marketplace Architecture* | [GitHub](#) | [Live Demo](#)

- Engineered a multi-vendor e-commerce marketplace featuring product discovery, intelligent search, shopping cart functionality, vendor management, and administrative dashboards within a unified application.
- Designed scalable marketplace architecture supporting customers, vendors, and administrator workflows using modular frontend components and serverless backend services.

Nominate-It | *JavaScript, Node.js, Vercel Functions, OMDb API, Upstash Redis* | [GitHub](#) | [Live Demo](#)

- Built a full-stack movie-ranking workflow with paginated search, accessible ranking controls, immutable public list URLs, server-side validation, persistent publishing, and rate-limiting support.
- Kept third-party credentials server-side and implemented explicit loading, offline, error, and configuration states for resilient delivery.

DriveLens-Market-Lab | *JavaScript, Node.js, Vercel Functions, Gemini API, PWA* | [GitHub](#) | [Live Demo](#)

- Created an explainable vehicle-discovery marketplace lab with search, filtering, comparison, finance education, saved state, and optional image-assisted matching.
- Developed an AI-powered vehicle marketplace featuring intelligent search, filtering, side-by-side comparisons, finance planning tools, and explainable Smart Match recommendations to enhance the car-buying experience.

PROFESSIONAL EXPERIENCE

Senior .NET Full-Stack Developer | Teoyube Co-operation - Ottawa, ON

Sep 2025 - Present

- Designed and developed full-stack web applications using React, Node.js, Express.js, JavaScript, REST APIs, MongoDB, MySQL, and Vercel Functions.
- Built modular frontend architectures with reusable components, responsive layouts, accessibility best practices, and mobile-first design principles. Worked with technologies such as: xUnit / NUnit, OAuth/JWT, Microservices, CI/CD in production.
- Implemented server-side APIs, validation, authentication concepts, state management, and third-party API integrations using modern JavaScript tooling.

Full-Stack Software Engineer (.NET & React) | National Diabetes Trust - Ottawa, ON

Oct 2024 - Aug 2025

- Deployed production-ready applications using Vercel, automated build pipelines, environment variables, and deployment verification workflows. Worked with technologies such as: SQL Server, Azure, Azure DevOps, GitHub Actions.
- Applied **Git**, **GitHub**, pull requests, branching strategies, and AI-assisted development tools including **GitHub Copilot** and **ChatGPT** to improve productivity.

Junior Software Engineer (.NET Platform) | Bell Technical Solutions - Ottawa, ON

Mar 2023 - Oct 2024

- Developed privacy-first applications with secure configuration, input validation, error handling, and maintainable application architecture. Worked with technologies such as C#, ASP.NET Core, Entity Framework Core.
- Followed Agile development practices, iterative feature delivery, issue tracking, testing, debugging, and code reviews throughout the software lifecycle.

Cloud Full-Stack Developer (Azure) | Walk of Grace Residential Services - Ottawa, ON

Jul 2022 - Feb 2023

- Designed RESTful APIs and backend services supporting search, filtering, recommendations, persistent data storage, and business workflows.
- Continuously expanded expertise toward enterprise technologies including **C#, ASP.NET Core, Entity Framework Core, SQL Server, Azure, OAuth, JWT authentication, CI/CD, and automated testing** through hands-on learning and project development.

EDUCATION & DEVELOPMENT

Bachelor of Engineering (Software Engineering, Co-op)

Sep 2019 – April 2024

Carleton University — Ottawa, Ontario

Relevant Coursework: Software Engineering, Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Web Development, Software Design, Computer Networks, Operating Systems, Human-Computer Interaction, Software Testing, Systems Analysis, and Project Management.

Full-Stack Web Development Coding Bootcamp

Aug 2020 – Feb 2021

Carleton University — Ottawa, Ontario

Completed an intensive full-stack software development program with hands-on experience building responsive web applications and RESTful APIs using modern JavaScript technologies.

Technologies Covered: JavaScript (ES6+), HTML5 & CSS3, React.js, Node.js, Express.js, REST APIs, MongoDB, MySQL, Git & GitHub, Responsive Web Design, Agile Development, Debugging & Testing.

LICENCES & CERTIFICATIONS

- Oracle Certified Expert, Java Platform, Enterprise Edition 6 Enterprise JavaBeans Developer
- Microsoft Certified: Azure Fundamentals (AZ-900)
- AWS Certified Cloud Practitioner
- Professional Scrum Master I (PSM I)
- Google Professional Cloud Developer
- GitHub Copilot Fundamentals / AI-Assisted Software Development

ADDITIONAL PROJECT PORTFOLIO

Full-stack software developer and software engineer, who builds responsive, accessible, and deployment-ready web products from concept through production. Hands-on **portfolio** experience spans React, JavaScript, Node.js, Express, REST APIs,