

Craig Citro, Developer

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SUMMARY	Experienced Software Engineer with a demonstrated history of working in the retail industry. Strong engineering professional skilled in TypeScript, PHP, Kotlin, and more.	
EDUCATION	University of Illinois at Urbana-Champaign Bachelor of Science - Computer Engineering	2004
SKILLS	Frontend: Typescript, Javascript, HTML/CSS, Tailwind, React Backend: Node.js, Python, Go, PHP Android: Kotlin, Java, Room, Compose Database: MySQL, SQLite, Oracle Systems: Nginx, Apache, Linux, Bash Tooling: Docker, esbuild, phpstan	
EXPERIENCE	Abt Electronics Software Architect https://www.abt.com Largest independently-owned, single-location retailer of electronics, appliances, and home goods in the USA. <ul style="list-style-type: none"> Improved developer productivity, accountability, and reliability by setting up CI/CD using Gitlab, Docker, and automated testing Built out frontend build system supporting React, Typescript, and in house widgets/packages using esbuild Designed and developed container systems for local development and per-project QA environments using Docker Swarm, Vue.js, and PHP Experimented with and implemented various AI/ML systems, including LLMs to assist with content generation Continued with development and maintenance of new software applications and features throughout the company 	2014 — Present
	Abt Electronics Senior Software Developer <ul style="list-style-type: none"> Developed an in-house Android application used by Abt's delivery and service fleets using Java, Kotlin, SQLite/Room, and Compose Built a custom Point of Sale system (POS) used for sales and service using PHP, Typescript, React, and Oracle Implemented several payment solutions such as payment gateways, EMV, NFC, PayPal, Affirm, Synchrony, Bitcoin, and more 	2012 — 2014

Abt Electronics | Software Developer

2008 — 2012

- Lead the initiative to bring all prior and future code into source control systems using SVN and eventually git
- Integrated credit card reading devices with point of sale system using C# and JavaScript
- Developed new featured for ecommerce website such as search, filtering, fulfillment, and discounts using PHP and jQuery

L&L X-Ray Service | Operations Manager

2004 — 2008

Lead the development of the growing digital imaging division of this leading X-ray service and repair company

- Created a PACS (picture archiving and communication system) using PHP, HTML, Javascript, MySQL and C#
- Designed an inventory management system that interfaced with barcode scanners
- Created a sales lead tracking system

PROJECTS**Abt Point of Sale**

- Written using PHP, Typescript, and Oracle, including some React components
- Implemented a variety of payment methods, including handling account data in a PCI compatible way using end to end encryption and tokenization
- Handled the scheduling of deliveries and service, including fulfillment integrations, routing systems, and inventory calculations
- Developed flexible and evolving solutions for regulations that differ by market such as taxes, fees, disclosures, and more
- Ensured accurate salesperson usage by offering dynamic rules-based suggestions, and tracking and reporting on various metrics

Abt Fleet App

- Android app written using Kotlin and Compose; backend written in PHP and MySQL
- Replaced a the costly and time consuming system of printing tickets for every stop
- Allowed drivers to visualize their routes in both list an map styles, and record their progress throughout the day
- Tracked the driver's location throughout by logging over 500 million GPS updates, and created map visualization tools for customer service and managers
- Improved the information available about Abt deliveries by capturing over 14 million photos, and additional data such as waivers, and digital notes and signatures

Performance Management Application

- Written using PHP, Javascript, and Oracle
- Replaced a paper system, which reduced costs and improved efficiency while also providing an audit trail
- Increased the information available to department managers by providing reporting of their team's performance
- Improved employee visibility, letting them their performance and bonuses directly
- Allowed automating repeated entries, reducing the time spent on data entry

AWARDS

Employee of the Year
Abt Electronics

Dec 2013