



LUKE PAIREEPINART

SOFTWARE ENGINEERING MANAGER
LUKEP.DEV | GITHUB.COM/LUKEVP

OBJECTIVES

- Create a cohesive team
- Deliver key business value via reliable and performant software
- Incorporate latest tech to provide competitive advantage

EDUCATION

M.S. COMPUTER SCIENCE
TEXAS STATE UNIVERSITY
2010 • 3.7 GPA

B.S. COMPUTER SCIENCE
TEXAS STATE UNIVERSITY
2008 • 4.0 MAJOR GPA

OPEN SOURCE

CREATOR • ESC POS .NET
.NET receipt printing library
97 stars, 5k downloads, 10 contributors from multiple continents

CREATOR • FIRDP
Fast RDP in Rust

MAINTAINER • react-xterm
React wrapper for xterm.js

EXPERIENCE

SOFTWARE ENGINEERING MANAGER **MCCOYS • 2018 – PRESENT**
SOFTWARE TEAM LEAD **2016 – 2018**

Scaled software team from 2 to 8 employees, half on-site and half remote. Created project management and development processes

Managed implementation of company's first e-commerce website. Directed all design sessions, including COO, CTO, and VPs
\$1M/mo in sales • 300k unique visitors • 6x projected performance

Architected and began migration of legacy COBOL system (2M+ LOC, 35+ years of development) to modern distributed system
Electron • TypeScript • React/Redux • C# • .NET Core • Elasticsearch

Created custom application and services for store users to pick and stage orders, verify customers, and do curbside pickup
React Native • Offline Sync • Barcode Scanner/Camera Integration

Led migration to cloud for new services, architected future cloud-first approach as on-prem investment is depreciated
Azure • AWS

Specified, validated, and purchased key hardware to support custom app deployments, with over \$2M invested
750+ SFF PCs • 250+ Android Devices • 400+ Credit Card Readers

SENIOR SOFTWARE ENGINEER **MCCOYS • 2015 – 2016**
SOFTWARE ENGINEER II **2013 – 2015**

Architected, implemented, and deployed credit/debit card gateway, processing all in-store transactions since 2014
99.99% uptime • 89 retail locations • \$3B+ processed



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SKILLS

Management

PMI Member - PMP In Progress
Agile, Scrum, Lean (Kanban)

Front-End

JS, ES6, React, Redux, Angular

Mobile

React Native, Ionic, Cordova

Web

ASP.NET Core, HTML5, CSS

Back-End / Desktop

C#, Python, Electron

Search Engines

Elasticsearch, SOLR

SQL Databases

Microsoft SQL Server,
MySQL/MariaDB, PostgreSQL

NoSQL / Caching

Cassandra, Redis

Infrastructure

Docker, Linux, Windows

Automation

Ansible, Terraform, Vagrant

DevOps Tools

GitHub, Azure DevOps, GitLab

Migrated mccoys.com from legacy PHP stack to .NET Core + CMS

Revamped development workflow, migrated team from SVN to Git

SOFTWARE ENGINEER II

DNP PIA, INC. • 2013

Built custom applications for real-time photo editing and printing

Implemented automatic updater for Walgreens deployment

10k+ devices • 5k+retail locations • thousands of man-hours saved

SOFTWARE ENGINEER

ARGO / STARTUP • 2010 - 2013

Enhanced retail branch software for Regions Bank

Developed, marketed and sold custom ERP system for counseling centers



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