

SKILLSET

Web Development Mobile Development Software Engineering System Administration

PHP, Ruby, JavaScript, Objective-C, Python, C#, Swift, HTML, TypeScript, CSS, XML, JSON
Ruby on Rails, Laravel, Django, Angular, React, React Native, Vue.js
MySQL, PostgreSQL, PostGIS, Apache, Nginx, IIS, Docker, Git, Linux, Unix, Bash/Zsh

PROFESSIONAL EXPERIENCE

Ruckit, Inc. – A Command Alkon Company

Senior Engineer (January 2017 – Present)

- Developed and tested, full-stack solutions using Ruby on Rails, Python, Angular, React Native, and Objective-C for the aggregate production industry
- Managed, updated, and added testing around an acquired Ruby on Rails and Ionic product for electronic ticket delivery and verification
- Architected, designed, and developed Angular applications to replace Django-based management activities and Angular.js application functionality
- Advised team and management on platform selection, product functionality, and resource allocation to determine best possible product outcome
- Managed teams of engineers and coordinated with other engineering teams for platform integration
- Implemented OCR and fuzzy search system for digitizing paper tickets and work order documents using Ruby on Rails, PgSearch, Google Vision, and PostgreSQL
- Orchestrated environments on Heroku (with pipelines) and Amazon for continuous delivery
- Built and developed testing infrastructure using Cypress for cross-platform E2E testing and deployment

French Quarter IT

Consultant (July 2011 – March 2020)

- Developed tested, full-stack solutions using Ruby on Rails, Objective-C, PHP, JavaScript, and Swift
- Built mobile PA-DSS validated POS solutions for iOS using Objective-C and Swift with integration for multiple hardware solutions (Infinite Peripherals, Star Micronics, Zebra, and MagTek)
- Developed an SOC2 compliant SaaS procurement platform for the utility power industry with integration to enterprise ERP solution
- Developed native module for React Native to support external hardware devices
- Maintained, secured, and enhanced client applications and frameworks on various stacks
- Designed and developed a data exchange platform in to power highly trafficked sites and services
- Built an Ecommerce and inventory management platform for an annual in-person event serving thousands of guests in multiple locations with real-time inventory checks and lookup
- Built CRM platform for K-12 schools with transaction management, 3rd-party platform integration, Google calendar integration, and custom, configurable modules
- Developed Ecommerce platform for corporate training and testing

- Developed website widgets for international airport to provide parking, flight, and venue status
- Designed and implemented infrastructure for automated static site generation hosting hundreds of sites
- Implemented security and vulnerability analysis solutions across multiple industries

Auxiliary Services, Louisiana State University

IT Manager (May 2011 – January 2015)

- Responsible for planning, security, and deployment of the campus card system for 5 University campuses
- Developed multiple web, API, and mobile applications and services for campuses and departments
- Ensured data security and integrity across multiple financial and student information systems
- Collaborated with staff across departments to ensure seamless system integration and 24/7 operation
- Ensured stability, integrity, and security of multimillion-dollar transaction and POS systems deployed across 5 campus and over 350 locations
- Implemented policies and procedures for disaster management and recovery of department data
- Propose and implement campus card replacement architecture and platform
- Developed and implemented system migration, security, and adaptation strategies

Center for Academic Success, Louisiana State University

Analyst (March 2007 – April 2011)

- Developed Ruby on Rails web and utility applications serving thousands of students
- Administered Windows and Linux servers and clusters in VMWare
- Migrated infrastructure to VMWare ESXi and CentOS Linux within secure datacenter environment
- Created Ruby on Rails middleware applications for and managed LSU Mobile development
- Setup LSU GIS integration using ArcGIS for LSU Mobile
- Managed and trained teams of student employees on design and development projects
- Administered critical Windows, Mac, and Linux systems, servers, and mobile devices
- Secured and replaced PI information across all applications and databases, including backups

EDUCATION

Louisiana State University, BA General Studies

2003 – 2008

PROJECTS AND COMMUNITY

FORM for iOS

The most flexible and powerful way to build a form on iOS

<https://github.com/hyperoslo/Form>
Objective-C, Swift

Hex for iOS

Hex support for UIColor

<https://github.com/3lvis/Hex>
Swift

Harvested for Ruby

A Ruby Wrapper for the Harvest API

<https://github.com/zmoazeni/harvested>
Ruby

LSU ITS Portal Advisory Committee

2011 – 2012

Finance and Administrative Services Steering Committee

2011

Coach: Rails Girls Baton Rouge

2016 – 2017