

# KYLE P. MARLIN

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## SENIOR SOFTWARE ENGINEER | ENTERPRISE APPLICATION DEVELOPER

High impact leader for software and database development where multi-site operations demand critical levels of technology support and acceleration of organizational growth and performance in enterprise-level project delivery, risk management, quality, and operations leadership. Proven track record of optimizing initiatives valuable to both large and small organizations in a broad spectrum of data-intensive environments. Known to translate user requirements into effective support systems through rapid mastery of evolving technology that generate double-digit annual revenue growth through risk awareness, business development, project delivery, client stewardship, innovation, and business transformation. Has earned accolades as a passionate leader in removing bottlenecks and barriers that limit productivity.

### EXPERTISE

- Software Development Life Cycle
- IT Infrastructure
- Software Engineering
- System Integration
- Website & Database Dev.
- Data Security
- Program Management
- Agile
- Risk Management
- Project Management
- Process Management
- Continuous Improvement
- Business Transformation
- Business Leadership
- Team Leadership
- Organizational Development
- Process Improvement
- Coaching & Mentoring
- Interpersonal Communication
- Client Relationship Mgmt.
- Innovation

### STRENGTHS

- Quickly identifying and resolving complex technical problems
- Aligning IT with organizational goals, strategy, and execution
- Designing systems for speed, accuracy, and ease of use
- Leading projects to consistently successful completion
- Unifying systems in evolving enterprise environments

### PROFESSIONAL EXPERIENCE

#### INSPIRE WORLD

2019 – PRESENT

**Chief Development Officer, Investor/Contractor:** Active participant in company strategy sessions. Implemented the technical solutions for account and sales management using .NET Framework and .NET Core. Built abstraction layer upon our CRM to automate processes and enhance workflows. Designed and effected a portal for partners and representatives. Maintain partners' stores and wrote scalable APIs to interface with other inventory supply systems. Promoted teamwork with other engineers using peer programming, code reviews, and other methods to foster and encourage growth within the company.

#### DAVENTRY SOLUTIONS

2020

**Senior Software Engineer:** As a sub-contractor to the U.S. Air Force, designed a user-friendly interface that allowed the USAF to see machine vulnerabilities and harden its IT infrastructure from attacks. Built a tool to scan and parse SCAP files and their corresponding STIG check results into Elasticsearch using the USAF's Forescout API partner. The web application, and its desktop counterpart, built in Electron, were powered with TypeScript, Nuxt.js, and Vue.js.

#### DEALER TIRE

2015 – 2020

**Senior Software Engineer:** Played lead role in creating new Node.js e-Commerce application to replace legacy ColdFusion app. Implemented into containerized Node environments using Rancher and Artifactory for containerization, Bamboo for deployments, Jira for project management, and New Relic, DataDog and GrayLog for logging and investigating production issues. Maintained legacy ColdFusion applications provided to international automotive product dealerships, and built new versions of applications using HTML5, JavaScript, jQuery, Node.js, CSS3 (compiled by LESS), ColdFusion, MSSQL, and Go.

- **Automated process, turning potential revenue into significant cash flow.** Automated returns and warranty claims process, enabling quick and easy submissions, a more marketable product, and a new income source.
- **Engineered new purchasing system that improved security, reliability, and maintainability.** Designed a massive new B2B sales platform. Shortened time required to implement changes and eliminated security problems.

#### UPMC

2014 – 2015

**Software Engineer:** Built portal for patients to view and manage treatment plans and medical histories using AngularJS, HTML5 (compiled by HAML & JADE), CSS3 (compiled by SASS), and Ruby on Rails. Supported front end testing in Protractor

and Selenium. Utilized Git for version control, Jira, Rally, and ALM for project management, and Oracle for database services. Utilized Protractor and Selenium in writing automated testing. Increased performance with Agile development methodologies. Focused on improving user experience through responsive design of MyUPMC patient portal for this multi-billion dollar integrated global health enterprise with 85,000 employees, 40 hospitals, 600 clinical locations, a 3.4 million-member health insurance division and numerous international ventures.

- **Streamlined communication and information access reducing patient wait times and increasing medical chart accuracy.** Built a secure patient portal that patients and staff could access, allowing patients to receive test results, track medical histories, edit, and correct medical charts.

## GOOGLE

2013 – 2014

**Technical Solutions Specialist:** Maintained legacy software and resolved bugs using Classic ASP, ASP.NET, Python, HTML, and JavaScript. Analyzed large, cumbersome databases in various formats to produce reports for analysts and architects.

- **Integrated multiple data sources, furthering product development and company merger.** Big-data databases with critical information were written in incompatible languages and not jointly searchable. Built data merging platform to read the databases' many different formats into a single integrated searchable system. Facilitated identification and resolution of chronic bugs and enabled Google to retire unused systems.

## ECS TUNING

2013

**Software Programmer, Database Developer:** Maintained and enhanced eCommerce website using Perl, PHP, VB, VB.NET, HTML, JavaScript, and CSS for international auto parts clients. Designed and programmed internal communication and workflow management tool. Collaborated with designer on full stack development for internal new product workflow management system for the design and release of new products.

- **Strengthened R&D management, increasing output and savings.** Engineered project management system to handle R&D at lower cost than purchasing project management software. Increased speed of R&D process and enabled company to simultaneously develop more new products.

## EMPYRA

2012 - 2013

**Software Programmer, Database Developer:** Utilized VB, VB.NET, Classic ASP, ASP.NET, C#, C#.NET, PHP, HTML, JavaScript, jQuery, CSS, and MSSQL for this software provider.

- **Repurposed existing software to build sales at lower cost.** Empyra did not have internal software capacity to service all customer projects. Re-architected existing software into a new system to manage workflow in direct collaboration with clients. Saved expense of having to code purpose-built software.

## COMPREHENSIVE PSYCHIATRY GROUP

2007 - 2020

**Technical Services Provider:** Designed and developed client communications website and internal portal using PHP, Perl, HTML, JavaScript, jQuery, CSS, and MySQL for this provider of outpatient behavioral and mental health services. Used Subversion and Git for version control.

- **Built communication and data management platform.** Created new website used over a quarter of a million times to communicate with clients. Designed internal portal for staff to manage patient feedback, track sample medication disbursements and track larger data sets.

## EDUCATION & CERTIFICATIONS

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**Bachelor of Science in Applied Science (BSAS),** Computer Information Systems with a minor in Management Information Systems, *Dean's List & Cum Laude* | Youngstown State University

2008 - 2013

## TECHNOLOGY

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ActionScript, Agile, Ajax, ALM, Angular.js, ASP, ASP.NET, Atlassian Suite, Bash Scripting, Bamboo, Batch Scripting, Bootstrap, C++, C#, CakePHP, Chai, Cobol, ColdFusion, Confluence, CSS, DataDog, Elasticsearch, Electron, ESLint, Express.js, Git, Go, GrayLog, Grunt, Gulp, HAML, Handlebars, HTML, Istanbul / NYC, JADE, JavaScript, Jira, jQuery, JSON, Kanban, LESS, Markdown, Mocha, MSSQL, MVC, MySQL, .NET, New Relic, Node.js, NPM, Nuxt.js, OAuth, Oracle, Perl, PHP, PowerShell, Protractor, Python, Rally, RegEx, Rspec, Ruby on Rails, SASS, Selenium, Shell Scripting, SOAP, Subversion, TypeScript, VB, VB.NET, Vue.js, Zend Framework