PATRICK ELAM

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Professional Profile

Senior-Level Software Engineer & Software Engineering Manager with demonstrated accomplishments implementing the software development lifecycle in dynamic, fast-paced corporate environments. Diligent, laser-focused team leader developing architecture and design, coding, and automated testing within diverse environments. Adept at delivering world-class solutions to stakeholders. Effective at documenting and maintaining architectures, project requirements, algorithms, and interfaces for efficient software systems. Skilled relationship builder, cultivating relationships with direct reports, leaders, decision-makers, and stakeholders across the value chain to power business performance.

Areas of Expertise

● Leadership & Management	● Agile Tools & Workflows	● Team Performance Metrics
● Change Management	● Requirements Gathering	● Continuous Improvement
● Software Development Lifecycle	● Team Oversight	● Process Improvements
● Pipeline Management	● Software Testing	● Cross-Functional Collaboration
● Product Development	● Software Documentation	● Relationship Building

Career History

VETERANS UNITED – Kansas City, MO (Remote) | 01/2021 – PRESENT

TEAM LEAD/SOFTWARE ENGINEERING MANAGER (01/2022 – Present)

- Shape the vision and strategy for a top-performing engineering team leading key software projects for an organization with 4.4K+ employees and 25 offices across the country
- Promote a culture of teamwork through coaching, mentoring, and servant leadership while fostering product ownership and accountability to boost autonomy among cross-functional teams
- Lead a team decommissioning legacy PHP applications to upgrade major systems
- Spearheaded and guided a team of engineers transitioning the primary product into GIT
- Paved the way to expedite deployment from twice weekly to multiple times daily while decreasing production issues and eliminating time-consuming deployment meetings by adapting GIT workflow for the main application
- Recently oversaw a major build pipeline optimization, decreasing build times from 25 to 5 minutes
- Built standardized team metrics to be adopted seamlessly by other teams
- Modularized processes to enable teams to seamlessly share data and gain real-time dashboard reporting insights
- Identified and eliminated roadblocks for the team by strengthening processes and tools
- Strategized with the product owner to increase the business value of a high-visibility product
- Earned a fast-track promotion into management after 6 months

SOFTWARE ENGINEER (01/2021 – 01/2022)

- Improved mortgage asset management automation and tooling utilizing Angular and C#, potentially impacting 80K+ annual loans
- Designed and implemented well-documented, semantically valuable RESTful APIs

CERNER CORPORATION – Kansas City, MO | 01/2016 – 12/2020

SOFTWARE ENGINEER

SITE RELIABILITY ENGINEER – HealtheIntent (2020)

- Played a key role in configuration and networking management for DC/OS to prepare to transition to Kubernetes

CERNER CORPORATION (cont.)
API EVANGELIST – HealtheIntent (2018 – 2020)
- Designated as technical liaison to clients to create custom integrations into HealtheIntent's OpenAPI platform
- Partnered with engineering teams to create a new developer portal for the Open API platform
- Facilitated design reviews with internal teams to generate consistently designed and documented APIs
- Presented technical talks to audiences of 200+ at Cerner's internal developer and Cerner Health conferences

PATIENT ACCOUNTING (2016 – 2018)
- Delivered multiple complex projects to strengthen software functionality and usability for Cerner clients
- Boosted accuracy and efficiency significantly through continuous process improvements
- Contributed significant to improving unit testing practices to ensure product quality

Personal Projects

Homelab (2014 – Present)
- Built a test bed for experimenting with computer hardware, virtualization, containerization, CI/CD, smart home technologies, and networking to self-host web, game, media, and smart home servers

Family Recipe Book Generator (2022)
- Developed a user-friendly, printable family recipe book generator utilizing Python, PDF templating, and a self-hosted Mealie instance

Monopoly Simulator (2021)
- Pioneered a game simulator for Monopoly to advance skills in Angular
- Delivered ability to plug in a game state and simulate thousands of potential outcomes to "save" family game night
- View the project at monopoly.patrickelam.com

Streams of Prayer Android & iOS App (2017)
- Devised and implemented a prayer reminder application for iOS and Android with React Native
- View the project at streamsofprayer.com

PatrickElam.com (2015)
- Crafted, built, and hosted a personal site with Django and later utilized Jekyll to advance web development skills

Campus Parking Availability System (2014 – 2015)
- Directed a team of 6 fellow college students to construct a system to track vehicle occupancy levels in a university parking garage and display results on a live, mobile-friendly webpage
- Demonstrated effective leadership and management while negotiating favorable terms with UT administration
- Steered the development of multiple software and hardware aspects of the full project

Volunteer Leadership

Security Leader, Local Church (02/2019 – 01/2022)
- Guided and directed 50+ security and parking volunteers to ensure safety and security during Sunday services

Education

Bachelor of Science (BS): Computer Science (2015) · 3.14 GPA
University of Tennessee – Knoxville, TN

Technical Stack

C#, Typescript, Angular, Python, Ruby, Jekyll, Git, Docker, Android Platform, HTML, CSS, C, VB, Java, Django, C++, SVN, React Native, CCL, Azure Serverless Functions