Ryan Eggleston

Senior Software Engineer / Software Engineering Manager

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Education

Business Administration
Scottsdale Community College
2011-2012

Interests

Founder of Meetup Group
Plano Prompt Engineers
(600+ Members)
Prompt Engineers AI
promptengineers.ai
github.com/promptengineers-ai

Skills

Languages

Python, Javascript, Typescript, Bash, PHP, Solidity, Golang

Frameworks

Langchain, OpenAI, Laravel, Express, NestJS, Flask, GoFiber, Gin, Actix, Fastify, FastAPI, React, Vue, TailwindCSS, ChakraUI

Databases

SQL (PostgreSQL, MySQL, MSSQL), MongoDB, DocumentDB, CosmosDB, Elasticsearch (ELK), ElastiCache, Pinecone, Redis

Protocols

WebSocket, REST, GraphQL, JWT, OAuth, SSO

Services

OpenAI, HuggingFace, Kubernetes, MQTT, Terraform, RRDTool, SNMP, IPMITool, Docker, Amazon Web Services (AWS) Bedrock, Lambda, S3 EventBridge, SNS, EKS, Beanstalk, ECS, Cloudformation, IAM, Microsoft Azure App Service, AKS, Blob Storage, Form.io, Github, Gitlab, CircleCI, Pager Duty, JIRA, Freshdesk

Career Objective

Eager to join a team that is at the forefront of developing innovative products using LLMs and Langchain to enhance productivity and automation. With a profound interest in product development and a deep understanding of what makes a product appealing to customers.

🐙 github.com/ryaneggz   🦊 gitlab.com/kre8mymedia   🌐 https://adaptive.biz

Work Experience

Senior Software Engineer

Form.io | Dallas, TX | September 2022 - present

- Actively manage and resolve bugs in both private and public open-source software repositories at Form.io.
- Oversee DevOps related task, encompassing the creation of builds for QA and and Testing, as well as pipeline management in CircleCI and GitHub Actions.
- Implemented and documented state-of-the-art deployment solutions like Beanstalk, Azure App an Service, AKS, Kubernetes, and Docker for self-hosted, licensed product scenarios, resulting in a 20% reduction in related email customer support tickets.
- Engage in customer interfacing, ranging from 5-10 calls per week, providing technical support and product implementation assistance.
- Address complex customer issues surrounding the product, extending to architecting company-specific implementations across various cloud providers.
- Proficient in troubleshooting a wide array of technical infrastructure issues, despite lacking direct access to the infrastructure.
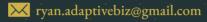
Director of Software Engineering

TMGcore | Plano, TX | January 2020 - September 2022

- Served as the Director of Software Engineering at TMGcore, leading the planning and definition of a clear management and development roadmap.
- Instituted a structured Agile framework with bi-weekly sprint cycles, backlog grooming at sprint onset, and meticulous review of backend, frontend, QA, and DevOps code.
- Implemented a task prioritization method based on the Fibonacci sequence, effectively categorizing tasks under User Stories, Epics, and Milestones to ensure clarity and minimize downtime for developers.
- Spearheaded the research, development, and sometimes personal implementation of proof of concepts for upcoming features, enhancing the product's adaptability to Event Driven microservices and MQTT communications with IoT Edge Compute deployments.
- Engineered a high-performance application to remotely manage a 10-megawatt cryptocurrency mining infrastructure, significantly optimizing operational efficiency.
- Fostered regular engagements with Project Management and key stakeholders across Sales, Marketing, Engineering, and Management to adeptly identify and prioritize feature development for upcoming release cycles.
- Formulated Standard Operating Procedures (SOPs) regarding the Software Development Life Cycle (SDLC), Agile methodologies, and Peer Review processes, establishing a coherent workflow across the organization.

Senior Software Engineer

TMGcore | Plano, TX | January 2019 - January 2020

- First employee at TMGcore, collaborating closely with the C-suite to develop manufacturing line-style 2-phase immersion Bitcoin deployments, scaling to manage a peak of 10 megawatts in cooling solutions for leading industry Bitcoin miners.
- Spearheaded the creation of a remote monitoring and observability solution, employing Node-RED, Prometheus, and Grafana to enhance operational insights and performance.
- Leveraged Elasticsearch for robust time-series metrics analysis, delivering crucial system performance insights and enabling proactive issue detection and resolution.

Contract Software Developer

Adaptive Business Solutions, LLC | January 2017- present

- Cultivated and maintain multiple e-commerce stores, ensuring optimal functionality and user experience.
- Designed and developeed WordPress and Static websites hosting offering monthly maintenance and hourly development services to ensure site reliability, backups, and performance.
- Conducted client training on sales funnel strategies and marketing best practices, empowering them to maximize their digital marketing efforts for better business outcomes.