JONATHON MOORE

Royal Oak, MI 48073 (EST/GMT -5) | +1 810-931-0618 | jon@digia.io
www.digia.io | github.com/digia | linkedin.com/in/jonathon-digia-moore/

PROFESSIONAL EXPERIENCE

Linkedin

Staff SRE · Fall 2020—Present

- Providing technical leadership and mentoring across multiple cross-functional teams ensuring our initiatives are aligned, accurate, and achievable while maintaining high levels of craftsmanship
- Acting as an owner inheriting, fixing, and enhancing existing tooling and procedures; reducing day to day toil, alert exhaustion, outdated procedures, and creating an overall more reliable environment for our clients
- Leading the security focus and environment for teams tooling/applications, while supporting our internal clients with best practices regarding compliance and implementation for their data solutions
- Designing and building advanced highly scalable self-service tooling/applications which empowers internal clients to quickly, confidently, and reliably accomplish their goals
- Identifying and evaluating processes, manual or otherwise, for automation which impede the ability to monitor, support, and scale

Sift

Security Analyst, Staff Engineer · Fall 2017—Fall 2020

- Architected and developed a multi-sourced, dynamically mapped, enterprise PII data sync pipeline
- Designed and implemented a state-aware queue platform for scheduled and interval tasks to run autonomous
- Helped optimize code clarity and maintainability across core services by implementing and advocating coding conventions and Test Driven Development (TDD)
- Spearheaded the research, education, and implementation of security policies and procedures, including GDPR, SOC 2, OWASP, and ISO 27001
- Lead infrastructure, applications, and data migration to a scalable, containerized, secure, infrastructure as code, CI/CD implementation with Docker and Kubernetes
- Supported team and developer growth through empathetic mentoring and education
- Liaison to existing and prospective clients for their technical, integration, and security questions and concerns

Webdigia

Solutions Architect & Engineering Lead · Fall 2010—Fall 2017

- Worked closely with clients in a multitude of industries to architect, develop, and implement solutions aiding them in accomplishing their business objectives
- Communicated technical solutions and concepts to diverse audiences of different technical levels
- Supported and maintained a diverse portfolio of business critical applications and infrastructure
- Proactively monitored, tested, and supported application and infrastructure security
- Coordinated with internal and external teams to provide seamless deployment, integration, and onboarding
- Grew, lead/managed, and mentored local and remote teams across the globe

Freelance

Full Stack Engineer & Technical Consultant · Summer 2013—Present

- API development using modern frameworks (ExpressJs, Django) and patterns (REST, GraphQL, gRPC)
- Process and task automation through web scraping, IoT, asynchronous interaction, communication APIs
- Container and bare metal infrastructure CI/CD, monitoring, and management
- Legacy application and infrastructure support, enhancements, and migrations

TECHNICAL PROFICIENCY

Languages & Markup: JavaScript/TypeScript (Node.js), Python, Go Lang, Elixir, PHP, Bash, HTML5, CSS3
Databases: PostgreSQL, MySQL, Oracle, AWS DynamoDB, CouchDB, MongoDB, Elasticsearch, Redis
Queues: RabbitMQ, AWS SQS
Security & Compliance Frameworks: GDPR, SOC 2, ISO 27001, OWASP, SANS, NIST
DevOps/Cloud: git, ssh, Docker, Kubernetes, Terraform, Vagrant, Puppet, AWS, Google Cloud, Azure
Frameworks: ExpressJs, HapiJs, Django, Flask, Laravel, Zend, Symfony
Frontend: EmberJs, ReactJs, AngularJs, VueJs, jQuery, Babel, Webpack, Grunt/Gulp, PostCSS, ES6
Operating Systems: Linux/Unix, Ubuntu, Arch, Fedora, CentOS, Red Hat, macOS

TECHNICAL EXPERIENCE

PROJECTS

Tenant App
Mobile first web application empowering property management companies and property owners to initialize, track, and in real time provide input on their delinquent tenant court cases. Automating a significant portion of the attorney's workflow by providing easily accessible case overviews, on-the-fly court document generation, case specific billing, etc. Ultimately modernizing and enhancing an archaic process.
[Python 3, Django, Django Rest Framework, EmberJs, JSONAPI, RabbitMQ, Docker]

Workforce
Workforce is a state-aware queue platform powering an autonomous multi-tenant enterprise PII data sync pipeline, amongst other scheduled and interval tasks. Configuration driven, automatic scalability, and designed with autonomous operation and recovery as a core principle.
[Node.js, TypeScript, RabbitMQ, DynamoDB, PostgreSQL, Redis, PubSub, Docker]

PDFer
Sane data driven PDF generation using OSS. Turn JSON data into a PDF using stateless REST style endpoints, HTML, CSS, JS, and headless Chromium.
[Node.js, HapiJs, Docker, Chromium, Puppeteer]

jaysonapi - github.com/digia/jaysonapi
Open-source, framework agnostic JSON API v1.0.0 serializer used by many in the Node.js community.
[Node.js, JSONAPI, Lodash]

Infusatrol
Proof of concept server/client system used to control industrial meter mixed injection systems. Async Python 3 monitors and controls sensors, motors, and switches via a Raspberry PI GPIO and USB. A Chromium browser session within Linux operates in kiosk mode running a ReactJs SPA, which handles the human touch UI/UX interaction and backend communications via REST, service bus, and Server-sent Events on a closed local network.
[Python 3, aiohttp, ReactJs, REST, Server-sent Events (SSE), Raspberry Pi 4, PostgreSQL, GPIO, IoT Sensors]

EDUCATION

Specs Howard School of Media Arts
Digital Media Arts Program · March 2010—April 2011