

JON PALACIO
Web developer / Full Stack
<https://github.com/bangarangler>
<https://jonathandain.dev/projects/pluaris/>

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Gastonia, NC

Overview:

Software Engineer • Engineering Manager • Architecture / UI / UX / Development

Self-taught programmer with a huge work ethic and upbeat personality. Possesses thought leadership with an aptitude to understand technologies knowing the benefits and pitfalls of each. Each day comes with a positive never say quit attitude. Highly motivated and organized. Personable, creative, independent, and committed to producing top-quality work and providing cost-effective service. Thoroughly enjoy a challenge and ready to join your team! Over 10 years combined professionally and side projects using JavaScript/HTML/CSS.

Technical Skills/Proficiencies

Front End: JavaScript, TypeScript, React, Svelte, HTML, CSS, Responsive Design, GraphQL etc.

Back-End: NodeJS, TypeScript, GoLang, Python, GraphQL

Frameworks/Libraries: Express, Fastify, go-fiber, flask, react, svelte, mongoose, typeorm, typegraphql, etc.

Databases: MongoDB/Postgres/Redis/SQL

Version Control/Project Tracking: Git - Version Control Github, Bitbucket

Automation Tools: Bash, Go, Shell scripting(Go,Python,JavaScript) Github Actions, husky, Gulp

Development Methodologies/Design: agile, scrum(ish), waterfall, rapid application development

Containers/Orchestration/CI/CD: Docker, Kubernetes

Cloud Technologies: Digital Ocean, Linode, AWS, Azure, Google Cloud, Atlas, Aiven

Operating Systems: Linux, OSX(apple / darwin)

Experience

NOWIGENCE INC., Charlotte, NC

Engineering Manager / Software Engineer

2019 – Present

Primary Responsibilities:

- Architect plan and Development of Business web / AI technology.
- Manage and lead team across all aspects of engineering and product development
- Communication and planning across departments to meet customer expectations and timelines.
- Fundamentally re-worked stack to support real-time first product

Pluaris Project:

Pluaris specializes in reading and comprehending data, analyzing cause and effect, identifying benchmarks and measuring performance against them, tracing and linking intelligence by topics, extracting critical intelligence, alerting, answering questions on-the-fly, and synthesizing outputs. This saves each employee an average of 2 hours per day. It accelerates the pace of business resulting in revenue growth and increased profitability.

Hands-on development/orchestration/configuration

Backend

- Spearheaded the transition from a Monolith to a more Microservice approach. Some services are now run with Docker - with a goal of having our Microservices containerized and running in Kubernetes.
- Using automation to streamline lots of different tasks and workflows. (Makefile, Magefile, bash, python, Go)
- Brought on and trained developers in NodeJS, TypeScript & React
- Developing microservice architecture written in NodeJs, Python & Go
- For the Data Science side of the coin, we use Python along with a Flask API – with the use of several analytical & Data Science libraries.
- Chose to bring on the Flask API and helped on and off with things such as (architecture, performance, deployment, debugging, scripting).

Tech stack: NodeJS, ExpressJS, Fastify, TypeScript, GraphQL, MongoDB, Redis.

Frontend

- On the frontend we are using React, along with TypeScript to handle the data and deliver rich user tailored experiences for our clients.
- The Internal Memory is available to recall and curate a more personalized view into the inner workings of either your business or your brain in real-time.

Tech Stack: react, javascript, typescript, svelte(internal administration re-write), grapnel

DevOps

- Our current cloud provider is Digital Ocean. We have some automation scripts in place to pull in the new code, run some tests, re-build, and deploy.
- Our NodeJS servers are spread across multiple droplets, and we are load-balancing and using reverse proxies.
- A key piece of kit in this setup has been Caddy and man is it awesome! Much cleaner and easier to work with than a Nginx config. It handles auto SSL renewal with minimal fuss - and automating different servers to run different Caddyfile(s) has been a fantastic experience.
- As we continue moving everything for production into Docker and finishing our move to K8s we will have the freedom to take our platform and deploy it on AWS, Google Cloud, Azure, or anywhere we need to go!

Tech Stack: react, javascript, typescript, graphql, svelte, HTML, CSS

Plurais marketing website: <https://www.nowigence.com/> <- actual application is behind a paywall.