

---

// PetScan QR

// Magnetros.com

Building an IaaS, PaaS on AWS Cloud and GoDaddy

Built with [heart] by Team POCO

---

# Problems

PetScan QR - The PetScan QR platform consists of many solutions.

Security, reliability and an overall positive developer experience was required to bring the product to market.

Magnetros.com - Magnetros.com had similar demands along with the ability to quickly design, build and deploy prototype and POC projects.

---

---

# PetScan QR

---

---

# PetScan QR

## Mobile Application

- Built with Ionic 1.x - A hybrid mobile app framework
  - Custom UX/UI Design with built in QR Scanner
  - Integration with eCommerce shopping site
  - Communications with PetScan API via REST
  - Available on App Store and Google Play Store
  - Over 12K+ downloads
  - Built in PetCalendar for native app/phone notifications
-

---

# PetScan QR

## REST API

- Built on NodeJS M.E.A.N stack with MVC pattern
  - MongoDB integration
  - JSDoc API documentation
  - Custom authentication and authorization strategies using Passport
-

---

# PetScan QR

## Web Application

- Built on Angular 1.x
  - Admin panel with custom ShelterSheet technology (Shelter forms) and QR code generation (with URL shortner) for faster scan
  - Interacts with API via REST
-

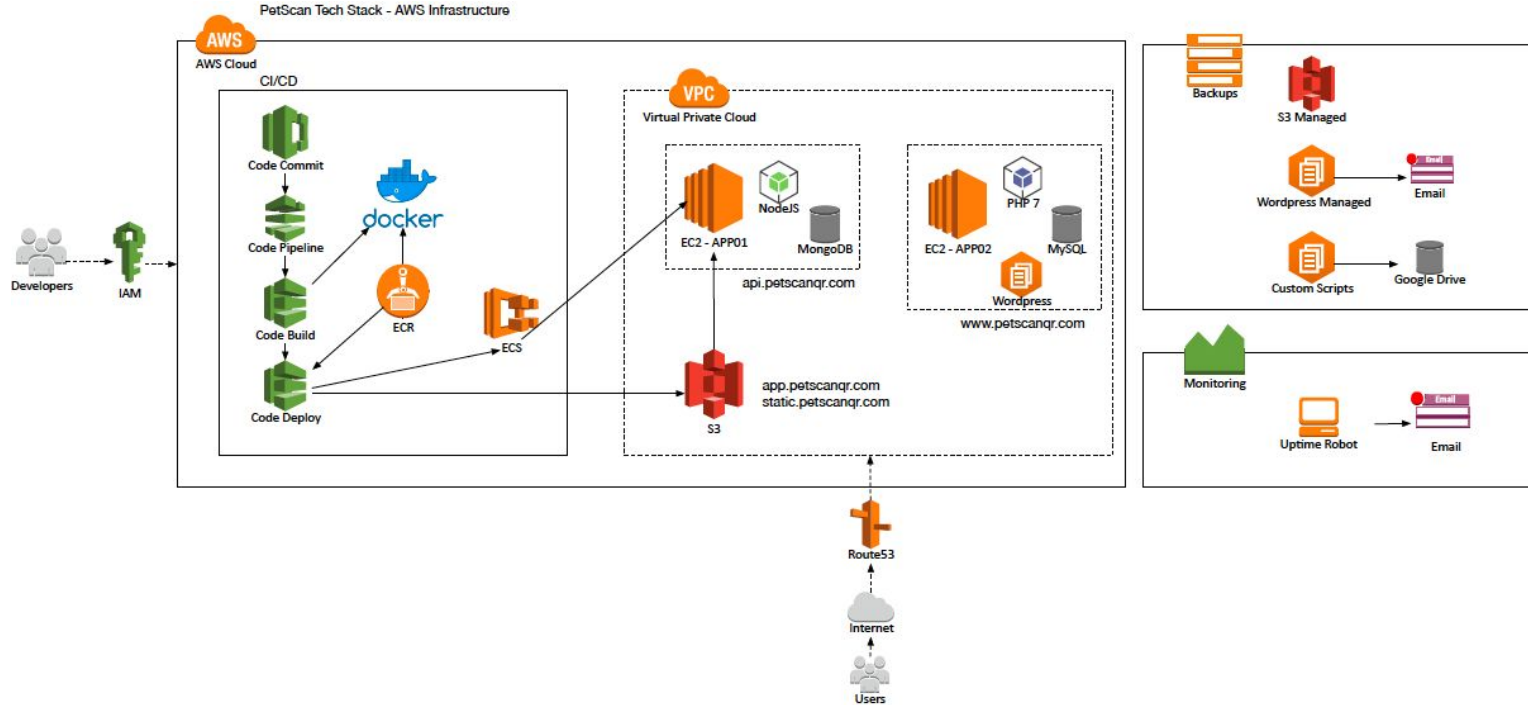
---

# PetScan QR

## AWS Infrastructure

- Docker images
  - Scalable on Managed EC2 Container Services
  - Code Pipeline built on AWS developer tools
  - Serverless UI - using Amazon S2
  - Custom backup and monitoring strategies
  - iam role management
-

# PetScan QR - AWS Infrastructure





---

**Magnetros.com**

---

---

---

# Magnetros

## Ecommerce site

- Built on Magento
  - Custom UX/UI Design
  - Integration with Authorize.net
  - Google Analytics tracking
-

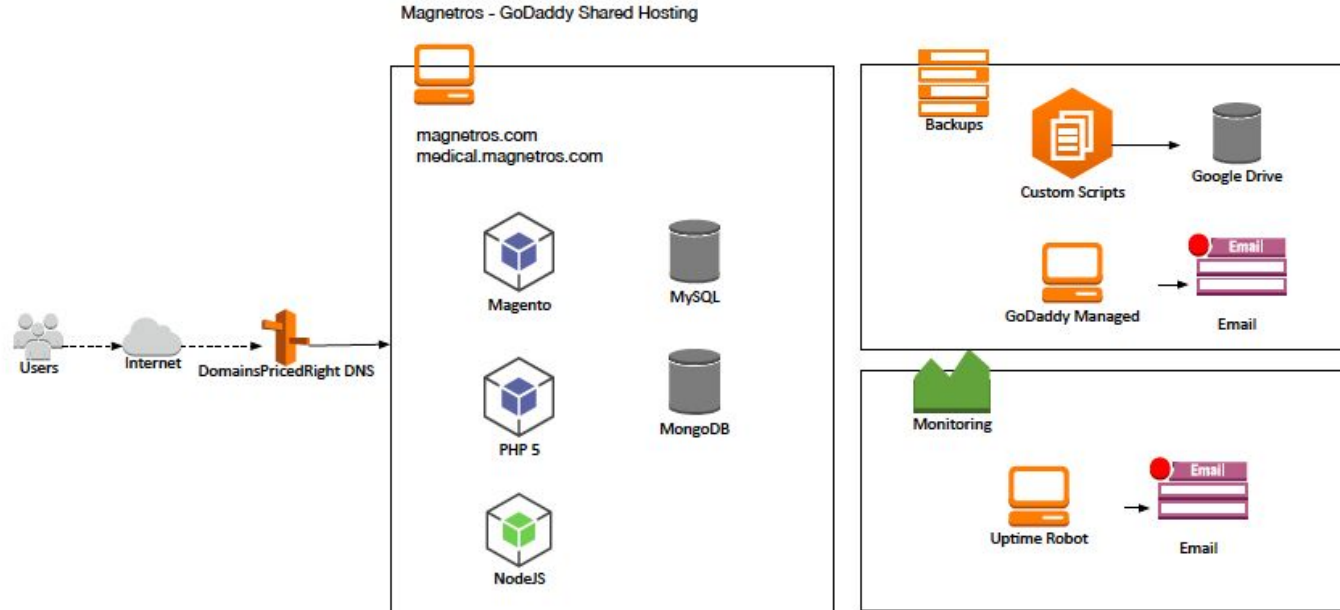
---

# Magnetros

## Magnetros Medical

- POC project built to work with custom charms with QR codes
  - Built on NodeJS and Angular 1.x
  - Custom UX/UI Design for Mobile
  - Google Analytics tracking
-

# Magnetros - GoDaddy Hosting



# Thank you

It's been an honor working and learning so much with PetScan and Magnetos. We look forward to the company's future goals and dreams.

---